

Converting Colors

XYZ(75.5081, 80.6936, 90.9537)

Have a look what the booklet for
XYZ(75.5081, 80.6936, 90.9537)
contains.

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Color

**XYZ(75.6145, 80.9093,
90.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EAEC
RGB	225, 234, 236
RGB Percent	88%, 92%, 93%
CMY	0.1176, 0.0823, 0.0745
CMYK	0.05, 0.01, 0.00, 0.07
HSL	191°, 22%, 90%
HSV	191°, 5%, 93%
XYZ	75.6145, 80.9093, 90.9886
YIQ	231.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

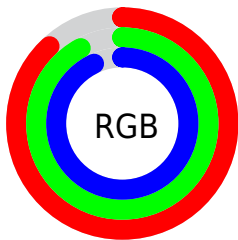
Format	Color
R_{YB}	225, 230, 236
Decimal	14805740
CIE _{Lab}	92.09, -2.61, -2.02
CIE _{LCh}	92, 3.302, 217.656
Yxy	80.9093, 0.3055, 0.3269
Android (android.graphics.Color)	4292995820 (0xFFE1EAEC)
YUV	231.5370, 2.2003, -5.7329
Hunter-Lab	89.9496, -7.3590, 2.9899

Details

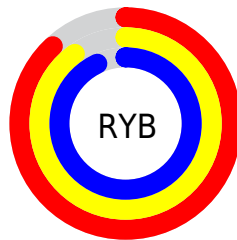
The XYZ color **75.6145, 80.9093, 90.9886** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.6521, 78.2067, 82.3436**, and the grayscale version is **76.3450, 80.3209, 87.4695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7362, 43.6821, 49.4645** is the 20% darker color. If you saturate the color by 10%, you get **67.5557, 74.9686, 90.2679**, and if you desaturate by 10%, it is **84.7243, 87.4400, 91.7703**.

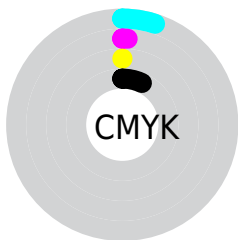
Distribution



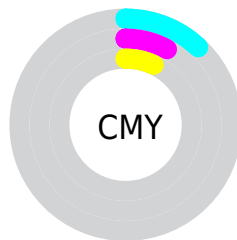
- Red (88%)
- Green (92%)
- Blue (93%)



- Red (88%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6145, 80.9093, 90.9886 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.6145, 80.9093, 90.9886 by changing the saturation by 10% instead.

■ 75.6145, 80.9093,
90.9886

■ 75.6145, 80.9093,
90.9886

468.9917,
497.9920, 551.8944

■ 56.4124, 60.4669,
68.2225

126.1651,
134.6434, 150.6583

■ 40.7720, 43.7951,
49.6110

158.2443,
168.7039, 188.3991

■ 28.3278, 30.5094,
34.7354

195.3466,
208.0726, 231.9685

■ 18.7146, 20.2256,
23.1772

237.8373,
253.1338, 281.7852

■ 11.5670, 12.5591,
14.5179

286.0819,
304.2719, 338.2675

■ 6.5197, 7.1257,
8.3389

340.4455,

■ 3.2072, 3.5408,

361.8714, 401.8341

4.2217

401.2937,
426.3166, 472.9036

■ 1.2643, 1.4202,
1.7477

■ 0.1562, 0.2315,
0.3931

■ 75.6145, 80.9093,
90.9886

■ 75.6145, 80.9093,
90.9886

■ 67.5557, 74.9686,
90.2679

■ 84.7243, 87.4400,
91.7703

■ 60.4992, 69.5859,
89.6009

■ 88.3030, 91.1612,
92.2999

■ 54.4030, 64.7414,
88.9871

■ 89.5969, 93.7488,
92.7312

■ 49.2191, 60.4100,
88.4243

■ 90.9207, 96.3966,
93.1725

■ 44.8953, 56.5645,
87.9099

■ 92.1406, 98.8362,
93.5791

■ 41.3741, 53.1750,
87.4413

■ 38.5905, 50.2077,
87.0152

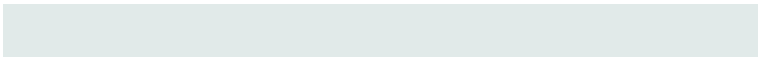
■ 36.4694, 47.6235,
86.6282

■ 34.9185, 45.3744,
86.2758

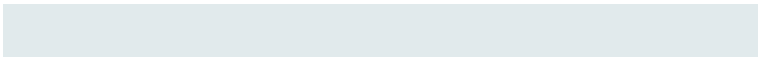
Harmonies

Analogous

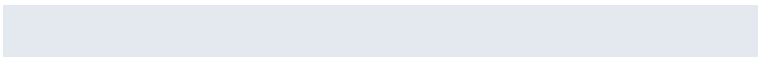
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2926, 80.9093, 88.7218



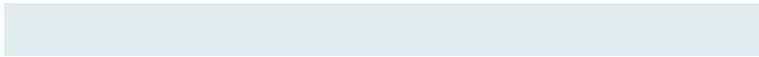
75.6145, 80.9093, 90.9886



76.2819, 80.9093, 92.4994

Triad

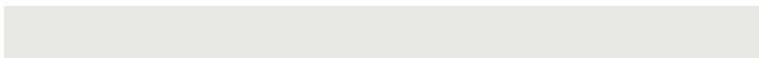
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6145, 80.9093, 90.9886



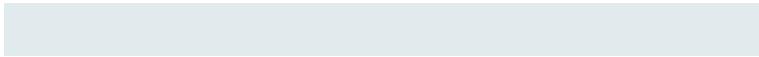
78.4243, 80.9093, 89.8889



76.6842, 80.9093, 83.5360

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



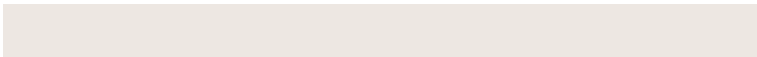
75.6145, 80.9093, 90.9886



75.6521, 78.2067, 82.3436

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5252, 80.9093, 83.8355



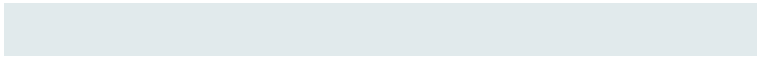
75.6145, 80.9093, 90.9886



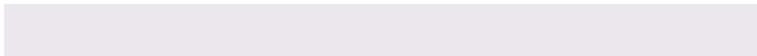
78.5339, 80.9093, 87.4740

Square

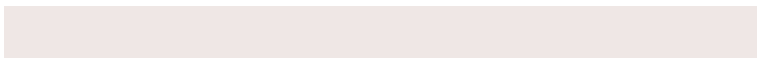
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



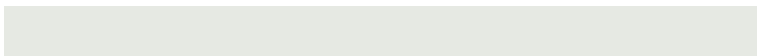
75.6145, 80.9093, 90.9886



77.9052, 80.9093, 91.8564



78.2038, 80.9093, 85.2663



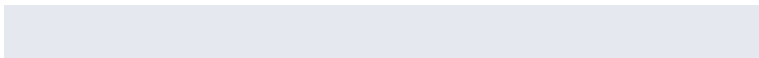
75.9072, 80.9093, 84.4406

Rectangle

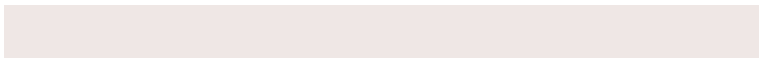
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



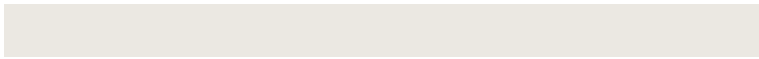
75.6145, 80.9093, 90.9886



76.8350, 80.9093, 92.8591



78.2038, 80.9093, 85.2663



76.9688, 80.9093, 83.4995

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.6168, 80.9127, 90.9904



93.9706, 99.2246, 108.8072



74.8902, 81.5366, 84.3448



20.1250, 21.2463, 23.2902



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6168, 80.9127, 90.9904



88.7640, 95.4539, 108.3538



74.1201, 77.9194, 90.4915



15.7697, 16.9953, 19.3715



18.9657, 24.5784, 47.4875



1.5497, 2.0510, 3.7491

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.3704, 77.6254, 88.8040



89.9179, 90.4461, 104.9997



77.1345, 81.1715, 82.8378



15.9960, 16.0155, 18.7133



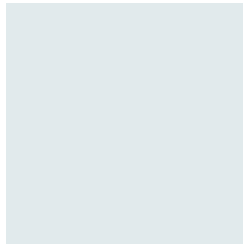
24.4283, 11.9740, 29.1205



1.9487, 0.9525, 2.4474

Previews

White Background



This preview shows how the XYZ color 75.6145, 80.9093, 90.9886 looks on a white background.

Color Contrast Check

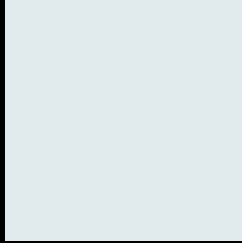
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.6145, 80.9093, 90.9886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

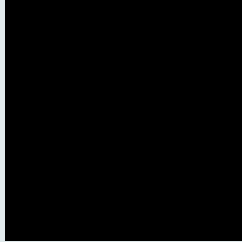
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

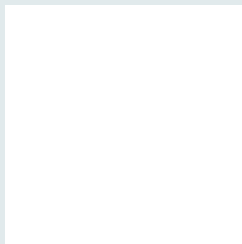
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6145, 80.9093, 90.9886

Background



This preview shows how black text looks on a background with the XYZ color 75.6145, 80.9093, 90.9886.



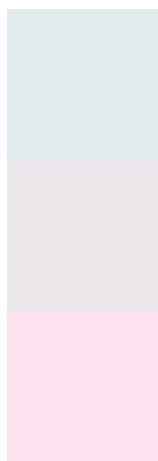
This preview shows how white text looks on a background with the XYZ color 75.6145, 80.9093,

90.9886.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.6145, 80.9093, 90.9886

Protanopia

77.6881, 80.7545, 89.3345

Deuteranopia

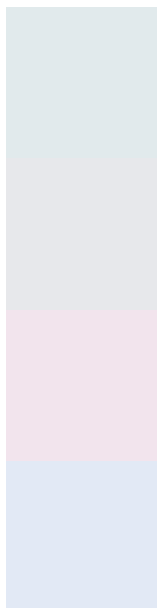
82.5027, 80.7189, 92.1209



Tritanopia

77.7905, 80.9462, 101.9667

Trichromacy



Original Color

75.6145, 80.9093, 90.9886

Protanomaly

76.8070, 80.7003, 90.1258

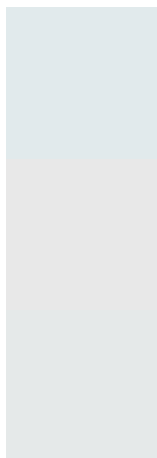
Deuteranomaly

79.6474, 80.4785, 91.4568

Tritanomaly

76.9844, 81.0392, 97.9708

Monochromacy



Original Color

75.6145, 80.9093, 90.9886

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1600, 80.8190, 88.6764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6145, 80.9093, 90.9886 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(225, 234, 236) looks like.

```
.text, #text, p{  
    color:rgb(225, 234, 236)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 234, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.6145, 80.9093, 90.9886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 234, 236) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 234, 236) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(225, 234,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6145, 80.9093, 90.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 234, 236) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
234, 236) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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