

Converting Colors

XYZ(75.5153, 82.0491, 91.0197)

Have a look what the booklet for
XYZ(75.5153, 82.0491, 91.0197)
contains.

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Color

**XYZ(75.5487, 82.1541,
91.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEDEC
RGB	222, 237, 236
RGB Percent	87%, 93%, 93%
CMY	0.1294, 0.0706, 0.0745
CMYK	0.06, 0.00, 0.00, 0.07
HSL	176°, 29%, 90%
HSV	176°, 6%, 93%
XYZ	75.5487, 82.1541, 91.2324
YIQ	232.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

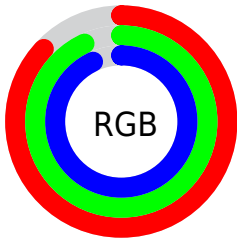
Format	Color
R _Y B	222, 230, 237
Decimal	14609900
CIE Lab	92.64, -5.13, -1.23
CIE LCh	93, 5.273, 193.542
Yxy	82.1541, 0.3035, 0.3300
Android (android.graphics.Color)	4292799980 (0xFFDEEDEC)
YUV	232.4010, 1.7743, -9.1217
Hunter-Lab	90.6389, -9.8360, 3.7690

Details

The XYZ color **75.5487, 82.1541, 91.2324** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3686, 75.5769, 80.4840**, and the grayscale version is **76.9958, 81.0056, 88.2151**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6984, 44.5585, 49.6356** is the 20% darker color. If you saturate the color by 10%, you get **68.5651, 78.5827, 89.7100**, and if you desaturate by 10%, it is **83.5594, 86.2593, 92.8169**.

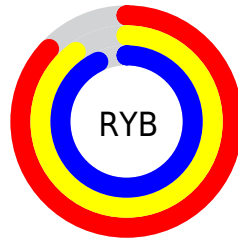
Distribution



Red (87%)

Green (93%)

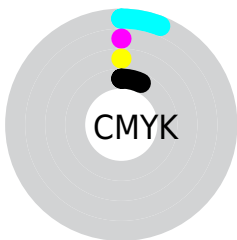
Blue (93%)



Red (87%)

Yellow (90%)

Blue (93%)

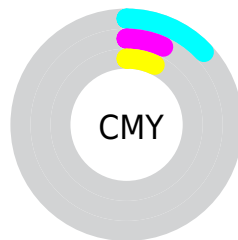


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5487, 82.1541, 91.2324 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 75.5487, 82.1541, 91.2324 by changing the saturation by 10% instead.

■ 75.5487, 82.1541,
91.2324

■ 75.5487, 82.1541,
91.2324

468.7696,
502.1630, 552.7049

■ 56.3583, 61.4926,
68.4238

126.0725,
136.3901, 150.9995

■ 40.7284, 44.6228,
49.7737

158.1366,
170.7333, 188.7951

■ 28.2936, 31.1604,
34.8637

195.2227,
210.4059, 232.4234

■ 18.6887, 20.7210,
23.2752

237.6961,
255.7922, 282.3030

■ 11.5482, 12.9202,
14.5896

285.9221,
307.2767, 338.8524

■ 6.5069, 7.3737,
8.3885

340.2661,

■ 3.1992, 3.6969,

365.2438, 402.4902

4.2532

401.0935,
430.0777, 473.6348

■ 1.2600, 1.5055,
1.7653

■ 0.1529, 0.2926,
0.4049

■ 75.5487, 82.1541,
91.2324

■ 75.5487, 82.1541,
91.2324

■ 68.5651, 78.5827,
89.7100

■ 83.5594, 86.2593,
92.8169

■ 62.5592, 75.5128,
88.2424

■ 87.1312, 88.0737,
94.2027

■ 57.4882, 72.9246,
86.8291

■ 87.3668, 88.1679,
95.4431

■ 53.3031, 70.7929,
85.4678

■ 87.6044, 88.2629,
96.6943

■ 49.9506, 69.0902,
84.1561

■ 87.8441, 88.3588,
97.9564

■ 47.3717, 67.7861,
82.8911

■ 88.0858, 88.4555,
99.2295

■ 45.4996, 66.8460,
81.6697

■ 88.3297, 88.5530,
100.5134

■ 44.2561, 66.2299,
80.4883

■ 88.5756, 88.6514,
101.8083

■ 43.5436, 65.8872,
79.3421

■ 88.8235, 88.7506,
103.1142

Harmonies

Analogous

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



75.5827, 82.1541, 87.3288



75.5487, 82.1541, 91.2324



76.1887, 82.1541, 94.7572

Triad

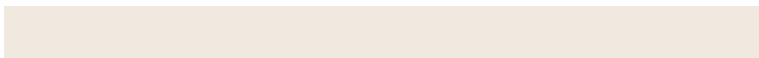
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5487, 82.1541, 91.2324



79.9162, 82.1541, 95.0399



78.8346, 82.1541, 82.4012

Complementary

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



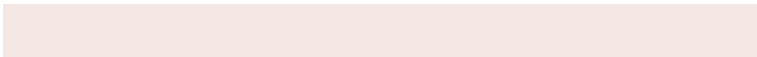
75.5487, 82.1541, 91.2324



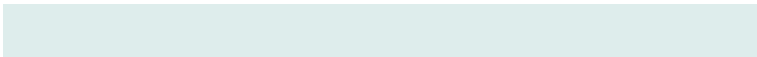
74.3686, 75.5769, 80.4840

Split Complementary

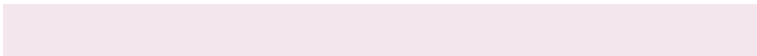
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0126, 82.1541, 84.3483



75.5487, 82.1541, 91.2324



80.6420, 82.1541, 91.6090

Square

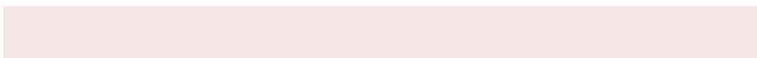
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



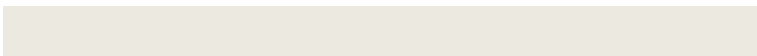
75.5487, 82.1541, 91.2324



78.7043, 82.1541, 96.9985



80.6775, 82.1541, 87.6946



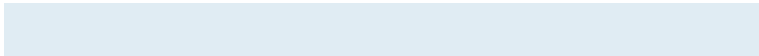
77.4690, 82.1541, 82.3071

Rectangle

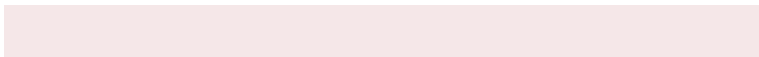
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



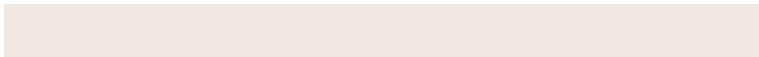
75.5487, 82.1541, 91.2324



76.9157, 82.1541, 96.3865



80.6775, 82.1541, 87.6946



79.2661, 82.1541, 82.8581

Sweetspot

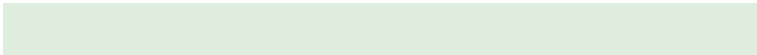
The Sweet Spot groups the original color and five complimentary colors.



75.5510, 82.1576, 91.2342



93.1436, 99.0236, 108.5243



73.9799, 81.5735, 80.9546



19.9565, 21.2053, 23.2326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

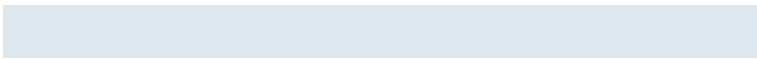
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5510, 82.1576, 91.2342



87.7201, 96.2466, 107.4142



73.9186, 78.6587, 91.4116



15.4716, 17.1035, 19.1665



23.6897, 35.9304, 43.1926



1.8733, 2.8267, 3.4608

Inverse Universe

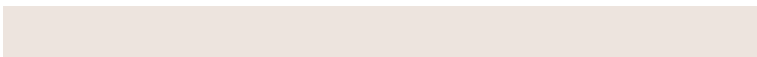
The Inverse Universe completely reimagines the original color for something new.



74.3686, 75.5769, 80.4840



85.9691, 86.5019, 91.4954



75.9250, 78.9057, 80.3371



15.1063, 15.0704, 15.8453



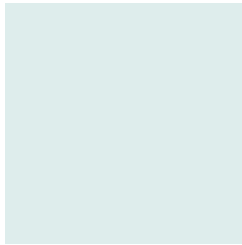
19.1348, 9.8566, 1.2454



1.5169, 0.7797, 0.1734

Previews

White Background



This preview shows how the XYZ color 75.5487, 82.1541, 91.2324 looks on a white background.

Color Contrast Check

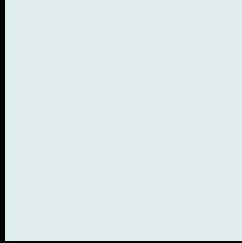
Large Text (above 18pt) WCAG AA × Fail

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 75.5487, 82.1541, 91.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

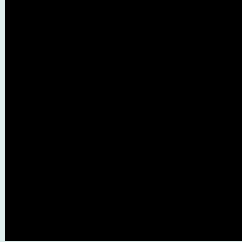
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

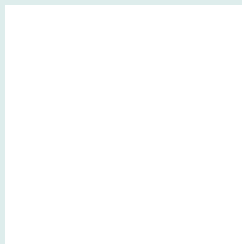
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5487, 82.1541, 91.2324

Background



This preview shows how black text looks on a background with the XYZ color 75.5487, 82.1541, 91.2324.



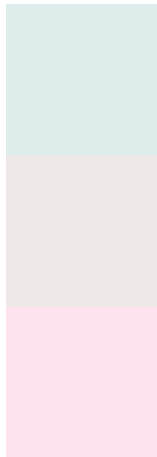
This preview shows how white text looks on a background with the XYZ color 75.5487, 82.1541,

91.2324.

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

75.5487, 82.1541, 91.2324

Protanopia

78.8245, 81.7736, 88.7202

Deuteranopia

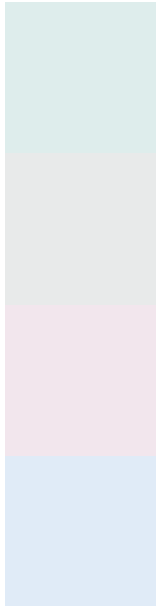
83.5020, 81.6366, 92.2453



Tritanopia

78.2038, 81.9450, 104.6237

Trichromacy



Original Color

75.5487, 82.1541, 91.2324

Protanomaly

77.5528, 81.9420, 89.5708

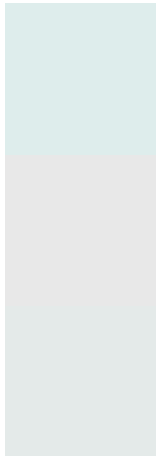
Deuteranomaly

80.2008, 81.5853, 91.6413

Tritanomaly

77.2373, 81.9794, 99.7484

Monochromacy



Original Color

75.5487, 82.1541, 91.2324

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1257, 81.2228, 88.7561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5487, 82.1541, 91.2324 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(222, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(222, 237, 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(222, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 237, 236) }
```

Border

The CSS property to change the border of an element to XYZ 75.5487, 82.1541, 91.2324 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(222, 237, 236) }
```


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

```
.border{ border-color:rgb(222, 237, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(222, 237,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5487, 82.1541, 91.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 237, 236) }
```

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

```
.background{ background-color: rgb(222,  
237, 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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