

Converting Colors

XYZ(75.3167, 81.1753, 95.7032)

Have a look what the booklet for
XYZ(75.3167, 81.1753, 95.7032)
contains.

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Color

**XYZ(75.2505, 81.0431,
95.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEBF2
RGB	220, 235, 242
RGB Percent	86%, 92%, 95%
CMY	0.1372, 0.0784, 0.0510
CMYK	0.09, 0.03, 0.00, 0.05
HSL	199°, 46%, 91%
HSV	199°, 9%, 95%
XYZ	75.2505, 81.0431, 95.6812
YIQ	231.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

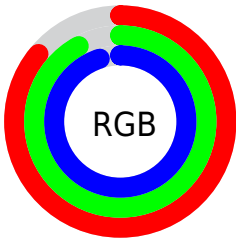
Format	Color
R _Y B	220, 229, 242
Decimal	14478322
CIE Lab	92.15, -3.62, -5.10
CIE LCh	92, 6.251, 234.660
Yxy	81.0431, 0.2986, 0.3216
Android (android.graphics.Color)	4292668402 (0xFFDCEBF2)
YUV	231.3130, 5.2687, -9.9215
Hunter-Lab	90.0239, -8.3348, 0.0009

Details

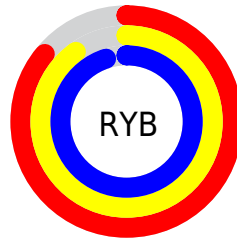
The XYZ color **75.2505, 81.0431, 95.6812** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0056, 78.9821, 78.8978**, and the grayscale version is **76.1586, 80.1248, 87.2559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5001, 43.7847, 52.7711** is the 20% darker color. If you saturate the color by 10%, you get **66.2944, 73.2275, 94.6459**, and if you desaturate by 10%, it is **85.3669, 89.6028, 96.8014**.

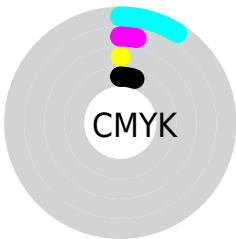
Distribution



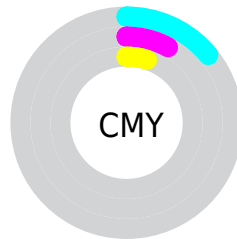
- Red (86%)
- Green (92%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2505, 81.0431, 95.6812 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 75.2505, 81.0431, 95.6812 by changing the saturation by 10% instead.

■ 75.2505, 81.0431,
95.6812

■ 75.2505, 81.0431,
95.6812

467.7620,
498.4412, 567.3834

■ 56.1130, 60.5771,
72.1021

125.6529,
134.8313, 157.2090

■ 40.5309, 43.8840,
52.7547

157.6486,
168.9223, 195.9948

■ 28.1388, 30.5793,
37.2206

194.6610,
208.3237, 240.6865

■ 18.5713, 20.2787,
25.0812

237.0555,
253.4199, 291.7028

■ 11.4631, 12.5978,
15.9180

285.1975,
304.5954, 349.4620

■ 6.4488, 7.1522,
9.3124

339.4524,

■ 3.1631, 3.5575,

362.2345, 414.3829

4.8459

400.1854,
426.7217, 486.8838

■ 1.2406, 1.4292,
2.1000

■ 0.1381, 0.2381,
0.6158

■ 75.2505, 81.0431,
95.6812

■ 75.2505, 81.0431,
95.6812

■ 66.2944, 73.2275,
94.6459

■ 85.3669, 89.6028,
96.8014

■ 58.4449, 66.1200,
93.6878

■ 91.5765, 96.2894,
97.7648

■ 51.6547, 59.6965,
92.8058

■ 93.0273, 99.1909,
98.2484

■ 45.8698, 53.9275,
91.9971

■ 41.0314, 48.7806,
91.2587

■ 37.0741, 44.2202,
90.5870

■ 33.9233, 40.2060,
89.9783

■ 31.4909, 36.6906,
89.4279

■ 29.6438, 33.6032,
88.9294

Harmonies

Analogous

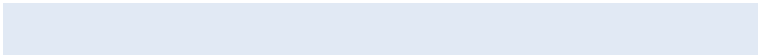
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2471, 81.0431, 91.9969



75.2505, 81.0431, 95.6812



76.7410, 81.0431, 97.3764

Triad

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



75.2505, 81.0431, 95.6812



80.1557, 81.0431, 89.0707



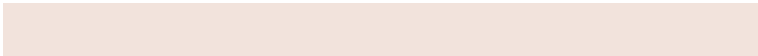
75.7434, 81.0431, 80.4202

Complementary

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



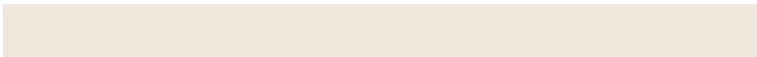
75.2505, 81.0431, 95.6812



77.0056, 78.9821, 78.8978

Split Complementary

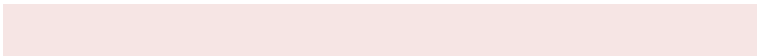
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3178, 81.0431, 79.6978



75.2505, 81.0431, 95.6812



79.8796, 81.0431, 84.5910

Square

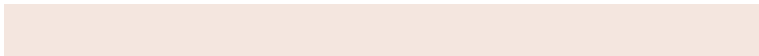
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



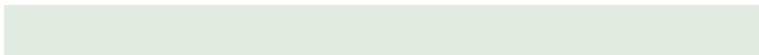
75.2505, 81.0431, 95.6812



79.5845, 81.0431, 93.4756



78.8354, 81.0431, 81.1991



74.5288, 81.0431, 83.2078

Rectangle

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



75.2505, 81.0431, 95.6812



77.8159, 81.0431, 97.1093



78.8354, 81.0431, 81.1991



76.2475, 81.0431, 79.9319

Sweetspot

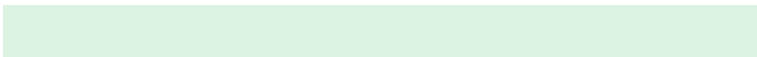
The Sweet Spot groups the original color and five complimentary colors.



75.2528, 81.0465, 95.6830



91.5201, 97.0354, 108.5138



75.1291, 84.2655, 84.9553



19.3915, 20.6028, 23.2046



0.0000, 0.0000, 0.0000



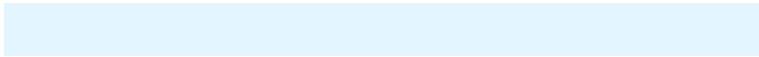
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2528, 81.0465, 95.6830



82.6928, 89.5027, 107.5251



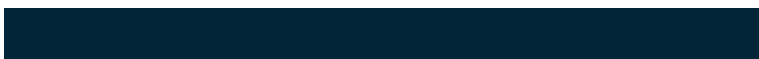
72.2081, 74.9570, 94.6681



15.7988, 17.0318, 20.1764



15.9703, 18.1648, 47.7923



1.4177, 1.6894, 4.0056

Inverse Universe

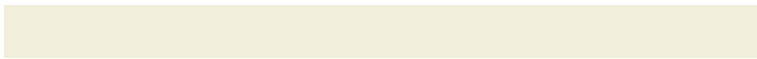
The Inverse Universe completely reimagines the original color for something new.



77.2083, 76.0633, 89.2136



85.3422, 82.8295, 98.7425



80.1023, 85.1756, 79.9301



16.2279, 15.9409, 18.7563



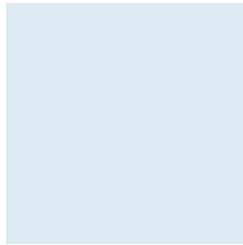
23.3867, 11.6271, 20.4846



1.9905, 0.9853, 1.9410

Previews

White Background



This preview shows how the XYZ color 75.2505, 81.0431, 95.6812 looks on a white background.

Color Contrast Check

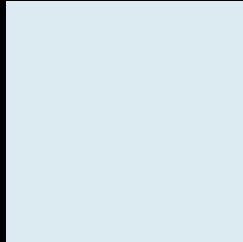
Large Text (above 18pt) WCAG AA × Fail

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 75.2505, 81.0431, 95.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

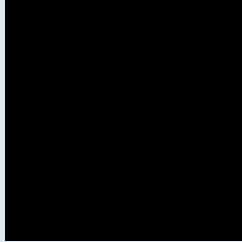
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

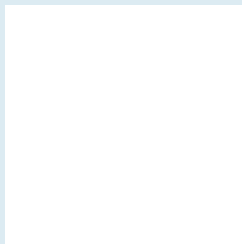
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2505, 81.0431, 95.6812

Background



This preview shows how black text looks on a background with the XYZ color 75.2505, 81.0431, 95.6812.

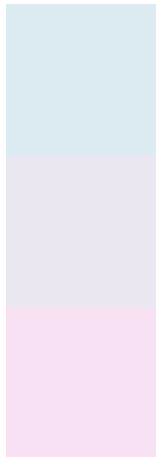


This preview shows how white text looks on a background with the XYZ color 75.2505, 81.0431,

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

75.2505, 81.0431, 95.6812

Protanopia

78.2358, 80.9355, 93.9367

Deuteranopia

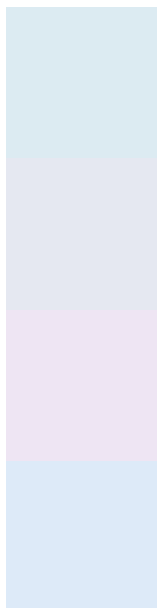
82.3213, 80.5218, 96.7914



Tritanopia

76.8338, 80.8357, 103.6487

Trichromacy



Original Color

75.2505, 81.0431, 95.6812

Protanomaly

77.0469, 80.7221, 94.7392

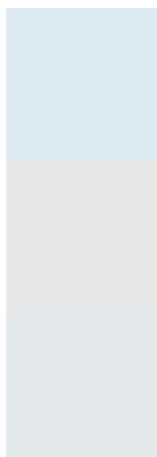
Deuteranomaly

79.4569, 80.6868, 96.1803

Tritanomaly

76.1849, 80.9951, 100.4252

Monochromacy



Original Color

75.2505, 81.0431, 95.6812

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5306, 80.0423, 90.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2505, 81.0431, 95.6812 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(220, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 235, 242)  
}
```

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(220, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 235, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.2505, 81.0431, 95.6812 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(220, 235, 242) }
```


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

```
.border{ border-color:rgb(220, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 235,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2505, 81.0431, 95.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 235, 242) }
```

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

```
.background{ background-color: rgb(220,  
235, 242) }
```

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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