

Converting Colors

XYZ(75.0847, 79.1505, 65.9769)

Have a look what the booklet for
XYZ(75.0847, 79.1505, 65.9769)
contains.

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Color

**XYZ(75.0626, 79.0860,
65.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5C8
RGB	242, 229, 200
RGB Percent	95%, 90%, 78%
CMY	0.0510, 0.1019, 0.2157
CMYK	0.00, 0.05, 0.17, 0.05
HSL	41°, 62%, 87%
HSV	41°, 17%, 95%
XYZ	75.0626, 79.0860, 65.9525
YIQ	229.5810, 17.0570, -6.2630

Conversions

Conversions Part 2

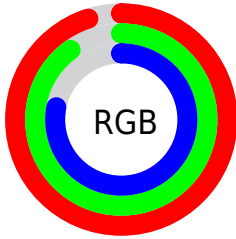
Format	Color
R _Y B	219, 242, 200
Decimal	15918536
CIE Lab	91.27, -0.22, 15.73
CIE LCh	91, 15.734, 90.794
Yxy	79.0860, 0.3410, 0.3593
Android (android.graphics.Color)	4294108616 (0xFFFF2E5C8)
YUV	229.5810, -14.5834, 10.8915
Hunter-Lab	88.9303, -4.9632, 18.2806

Details

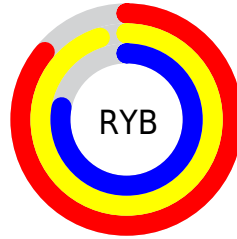
The XYZ color **75.0626, 79.0860, 65.9525** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.6404, 66.2773, 93.4436**, and the grayscale version is **75.0014, 78.9074, 85.9301**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5741, 42.7865, 33.3143** is the 20% darker color. If you saturate the color by 10%, you get **70.4286, 73.9911, 51.5413**, and if you desaturate by 10%, it is **80.2380, 84.5457, 82.7546**.

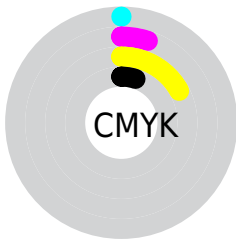
Distribution



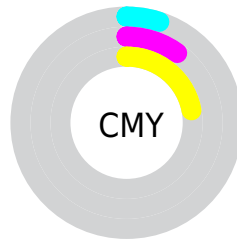
- Red (95%)
- Green (90%)
- Blue (78%)



- Red (86%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0626, 79.0860, 65.9525 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 75.0626, 79.0860, 65.9525 by changing the saturation by 10% instead.

75.0626, 79.0860,
65.9525

75.0626, 79.0860,
65.9525

467.1266,
491.8472, 464.6066

55.9585, 58.9665,
47.7776

125.3884,
132.0799, 115.0445

40.4065, 42.5862,
33.2921

157.3409,
165.7232, 146.7987

28.0413, 29.5606,
22.0773

194.3068,
204.6431, 183.9164

18.4974, 19.5053,
13.7149

236.6516,
249.2241, 226.8162

11.4095, 12.0359,
7.7861

284.7406,
299.8507, 275.9165

6.4123, 6.7682,
3.8726

338.9392,

3.1404, 3.3175,

356.9071, 331.6360

1.5557

399.6128,
420.7778, 394.3932

■ 1.2284, 1.2997,
0.2589

■ 0.1286, 0.1409,
0.0000

■ 75.0626, 79.0860,
65.9525

■ 75.0626, 79.0860,
65.9525

■ 70.4286, 73.9911,
51.5413

■ 80.2380, 84.5457,
82.7546

■ 66.3074, 69.2400,
39.4049

■ 85.9690, 90.3698,
102.0463

■ 62.6774, 64.8246,
29.4251

■ 89.3121, 95.3852,
108.3117

■ 59.5126, 60.7330,
21.4710

■ 90.4282, 97.6174,
108.6837

■ 56.7844, 56.9515,
15.3973

■ 54.4601, 53.4655,
11.0390

■ 52.5020, 50.2576,
8.2025

■ 50.8607, 47.3062,
6.6342

■ 50.4596, 46.5602,
6.3275

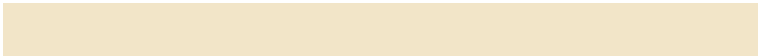
Harmonies

Analogous

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



78.9758, 79.0860, 68.3173



75.0626, 79.0860, 65.9525



71.3083, 79.0860, 68.5786

Triad

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



75.0626, 79.0860, 65.9525



68.7678, 79.0860, 97.8595



82.0680, 79.0860, 97.2863

Complementary

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



75.0626, 79.0860, 65.9525



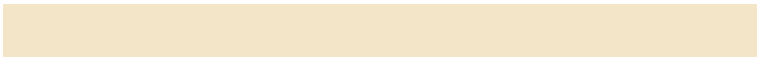
63.6404, 66.2773, 93.4436

Split Complementary

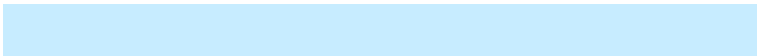
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1663, 79.0860, 106.4031



75.0626, 79.0860, 65.9525



71.4863, 79.0860, 106.7541

Square

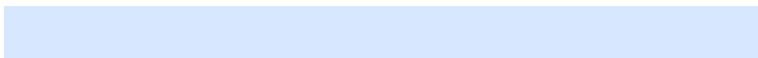
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0626, 79.0860, 65.9525



67.7540, 79.0860, 86.4161



75.2752, 79.0860, 110.0085



83.1059, 79.0860, 85.8071

Rectangle

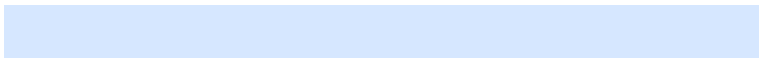
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0626, 79.0860, 65.9525



69.3781, 79.0860, 72.9529



75.2752, 79.0860, 110.0085



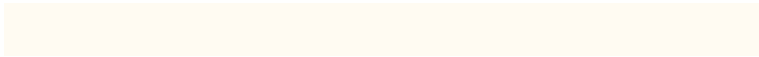
81.2733, 79.0860, 100.7636

Sweetspot

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



75.0647, 79.0895, 65.9542



91.8190, 96.7146, 98.0298



69.3215, 65.0062, 72.0454



19.5586, 20.6039, 20.6677



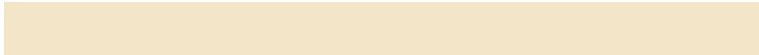
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

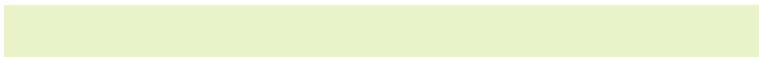
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0647, 79.0895, 65.9542



82.5359, 86.8987, 67.9593



76.2085, 85.2183, 67.0769



16.6863, 17.5857, 16.6646



27.2341, 25.2663, 3.4415



2.3536, 2.2778, 0.3156

Inverse Universe

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



63.6404, 66.2773, 93.4436



67.3348, 69.8525, 104.5417



62.6104, 61.0869, 92.4960



15.2962, 16.0265, 20.0088



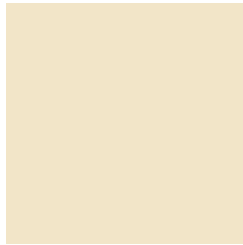
10.0635, 6.3512, 45.8234



0.9223, 0.6986, 3.8404

Previews

White Background



This preview shows how the XYZ color 75.0626, 79.0860, 65.9525 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 75.0626, 79.0860, 65.9525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

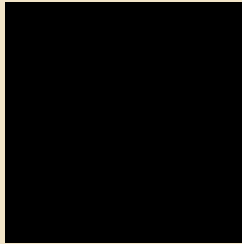
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0626, 79.0860, 65.9525

Background



This preview shows how black text looks on a background with the XYZ color 75.0626, 79.0860, 65.9525.



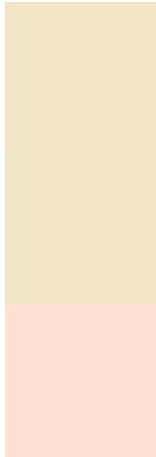
This preview shows how white text looks on a background with the XYZ color 75.0626, 79.0860,

65.9525.

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

75.0626, 79.0860, 65.9525

Protanopia

74.7203, 78.9095, 65.9365

Deuteranopia

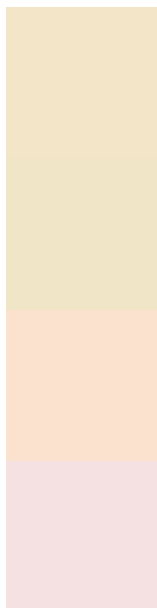
79.4043, 79.1748, 71.4188



Tritanopia

80.6226, 78.9004, 94.1991

Trichromacy



Original Color

75.0626, 79.0860, 65.9525

Protanomaly

74.7203, 78.9095, 65.9365

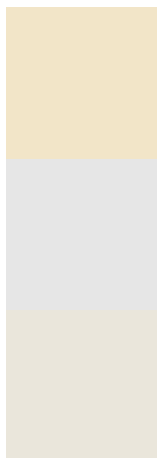
Deuteranomaly

77.7613, 79.1729, 69.5760

Tritanomaly

78.3089, 78.7539, 83.0252

Monochromacy



Original Color

75.0626, 79.0860, 65.9525

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0147, 79.2005, 78.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0626, 79.0860, 65.9525 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(242, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 200)  
}
```

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(242, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 200) }
```

Border

The CSS property to change the border of an element to XYZ 75.0626, 79.0860, 65.9525 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(242, 229, 200) }
```


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

```
.border{ border-color:rgb(242, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0626, 79.0860, 65.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 200) }
```

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

```
.background{ background-color: rgb(242,  
229, 200) }
```

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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