

Converting Colors

XYZ(68.8907, 75.0593, 59.6475)

Have a look what the booklet for
XYZ(68.8907, 75.0593, 59.6475)
contains.

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Color

**XYZ(69.0764, 75.3139,
59.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3BE
RGB	229, 227, 190
RGB Percent	90%, 89%, 75%
CMY	0.1020, 0.1098, 0.2549
CMYK	0.00, 0.01, 0.17, 0.10
HSL	57°, 43%, 82%
HSV	57°, 17%, 90%
XYZ	69.0764, 75.3139, 59.6115
YIQ	223.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

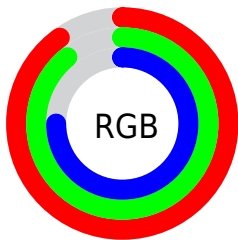
Format	Color
R_{YB}	192, 229, 190
Decimal	15066046
CIE _{Lab}	89.54, -5.37, 18.35
CIE _{LCh}	90, 19.122, 106.323
Yxy	75.3139, 0.3386, 0.3692
Android (android.graphics.Color)	4293256126 (0xFFE5E3BE)
YUV	223.3800, -16.4563, 4.9287
Hunter-Lab	86.7836, -9.7921, 20.0223

Details

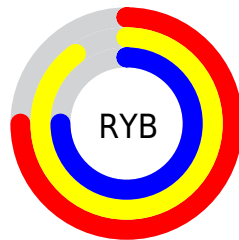
The XYZ color **69.0764, 75.3139, 59.6115** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.2275, 54.3023, 81.7524**, and the grayscale version is **70.5181, 74.1905, 80.7935**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **36.5015, 40.1954, 29.5016** is the 20% darker color. If you saturate the color by 10%, you get **66.4491, 73.7547, 47.3424**, and if you desaturate by 10%, it is **72.1032, 77.0415, 73.9558**.

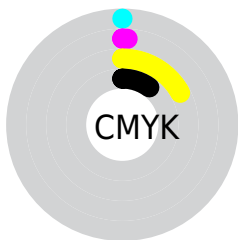
Distribution



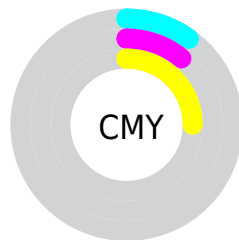
- Red (90%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (90%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0764, 75.3139, 59.6115 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 69.0764, 75.3139, 59.6115 by changing the saturation by 10% instead.

■ 69.0764, 75.3139,
59.6115

■ 69.0764, 75.3139,
59.6115

446.6175,
478.9958, 440.9291

■ 51.0508, 55.8701,
42.6823

■ 116.9242,
126.7566, 105.8037

■ 36.4702, 40.0988,
29.3064

147.4770,
159.5243, 135.9039

■ 24.9694, 27.6156,
19.0651

182.9364,
197.5020, 171.2314

■ 16.1829, 18.0361,
11.5401

223.6675,
241.0743, 212.2049

■ 9.7453, 10.9759,
6.3126

270.0359,
290.6254, 259.2429

■ 5.2914, 6.0506,
2.9642

322.4068,

■ 2.4557, 2.8759,

346.5397, 312.7639

1.0764

381.1455,
409.2017, 373.1864

■ 0.8730, 1.0673,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0764, 75.3139,
59.6115

■ 69.0764, 75.3139,
59.6115

■ 66.4491, 73.7547,
47.3424

■ 72.1032, 77.0415,
73.9558

■ 64.1970, 72.3464,
37.0472

■ 75.5406, 78.9343,
90.4605

■ 62.3023, 71.0846,
28.6233

■ 78.8049, 80.7614,
106.0428

■ 60.7434, 69.9606,
21.9572

■ 79.1329, 81.4175,
106.1521

■ 59.4964, 68.9649,
16.9227

■ 79.4632, 82.0779,
106.2622

■ 58.5342, 68.0864,
13.3772

■ 79.7956, 82.7428,
106.3730

■ 57.8250, 67.3127,
11.1533

■ 80.1302, 83.4121,
106.4846

■ 57.3275, 66.6270,
10.0341

■ 80.4671, 84.0858,
106.5968

■ 57.2003, 66.4323,
9.8079

■ 80.8061, 84.7639,
106.7099

Harmonies

Analogous

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



73.7393, 75.3139, 59.3620



69.0764, 75.3139, 59.6115



65.2513, 75.3139, 65.4147

Triad

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



69.0764, 75.3139, 59.6115



65.5288, 75.3139, 102.1589



80.7177, 75.3139, 88.2700

Complementary

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



69.0764, 75.3139, 59.6115



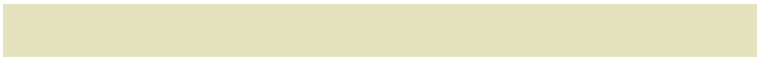
54.2275, 54.3023, 81.7524

Split Complementary

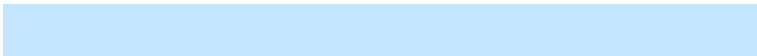
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3128, 75.3139, 101.1847



69.0764, 75.3139, 59.6115



69.4703, 75.3139, 109.7758

Square

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



69.0764, 75.3139, 59.6115



63.2652, 75.3139, 89.4867



74.1508, 75.3139, 109.4009



80.6009, 75.3139, 74.9506

Rectangle

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



69.0764, 75.3139, 59.6115



63.6306, 75.3139, 72.0541



74.1508, 75.3139, 109.4009



80.1731, 75.3139, 92.8302

Sweetspot

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



69.0784, 75.3172, 59.6131



92.8569, 98.7905, 98.3758



60.3084, 57.3183, 58.1044



19.8115, 21.1098, 20.7520



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

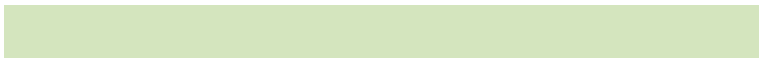
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0784, 75.3172, 59.6131



87.0726, 95.4866, 70.9683



64.4944, 73.7688, 59.5558



15.5351, 16.6842, 15.3060



32.7320, 38.0381, 5.6169



2.4383, 2.8499, 0.4216

Inverse Universe

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



54.2275, 54.3023, 81.7524



65.1699, 64.4935, 103.6214



58.2613, 55.7361, 81.8165



13.6417, 14.0048, 18.1285



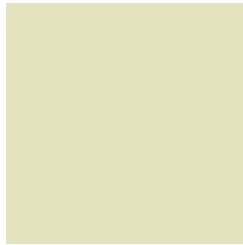
8.1853, 3.4327, 42.6143



0.6259, 0.2956, 3.1560

Previews

White Background



This preview shows how the XYZ color 69.0764, 75.3139, 59.6115 looks on a white background.

Color Contrast Check

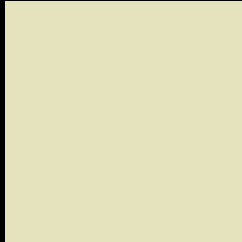
Large Text (above 18pt) WCAG AA × Fail

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 69.0764, 75.3139, 59.6115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

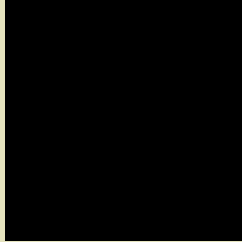
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

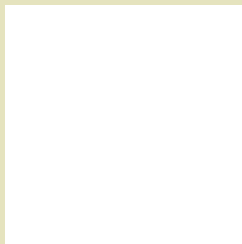
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0764, 75.3139, 59.6115

Background



This preview shows how black text looks on a background with the XYZ color 69.0764, 75.3139, 59.6115.



This preview shows how white text looks on a background with the XYZ color 69.0764, 75.3139,

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

69.0764, 75.3139, 59.6115

Protanopia

70.7660, 74.9900, 58.8889

Deuteranopia

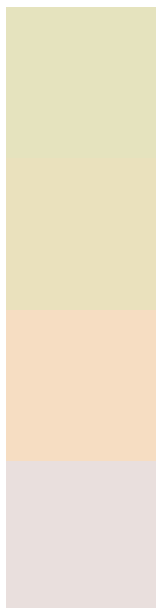
76.0167, 74.8712, 62.6696



Tritanopia

75.2868, 75.0216, 91.4015

Trichromacy



Original Color

69.0764, 75.3139, 59.6115

Protanomaly

70.0422, 75.0170, 58.9322

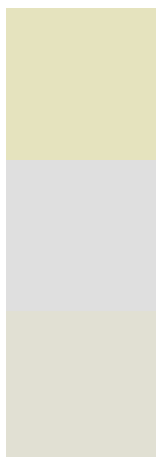
Deuteranomaly

73.6001, 75.2008, 61.6750

Tritanomaly

73.0431, 75.3194, 79.0949

Monochromacy



Original Color

69.0764, 75.3139, 59.6115

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.4649, 74.0220, 72.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0764, 75.3139, 59.6115 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(229, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 190)  
}
```

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(229, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 190) }
```

Border

The CSS property to change the border of an element to XYZ 69.0764, 75.3139, 59.6115 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(229, 227, 190) }
```


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

```
.border{ border-color:rgb(229, 227, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 190);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0764, 75.3139, 59.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 190) }
```

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

```
.background{ background-color: rgb(229,  
227, 190) }
```

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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