

Converting Colors

XYZ(77.0474, 79.6917, 76.9544)

Have a look what the booklet for
XYZ(77.0474, 79.6917, 76.9544)
contains.

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Color

**XYZ(77.1616, 79.9256,
77.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5D9
RGB	242, 229, 217
RGB Percent	95%, 90%, 85%
CMY	0.0510, 0.1019, 0.1490
CMYK	0.00, 0.05, 0.10, 0.05
HSL	29°, 49%, 90%
HSV	29°, 10%, 95%
XYZ	77.1616, 79.9256, 77.0060
YIQ	231.5190, 11.6000, -0.9760

Conversions

Conversions Part 2

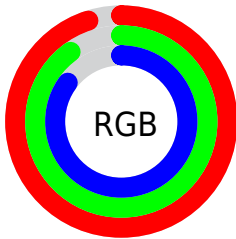
Format	Color
R _Y B	242, 240, 217
Decimal	15918553
CIE Lab	91.65, 2.42, 7.42
CIE LCh	92, 7.800, 71.927
Yxy	79.9256, 0.3296, 0.3414
Android (android.graphics.Color)	4294108633 (0xFF2E5D9)
YUV	231.5190, -7.1579, 9.1918
Hunter-Lab	89.4011, -2.3896, 11.5111

Details

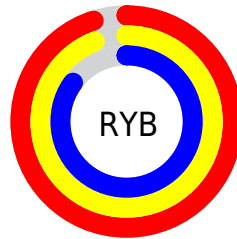
The XYZ color **77.1616, 79.9256, 77.0060** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9388, 77.7547, 95.1690**, and the grayscale version is **76.3899, 80.3681, 87.5208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9073, 43.3198, 40.3352** is the 20% darker color. If you saturate the color by 10%, you get **70.8870, 72.0492, 60.5069**, and if you desaturate by 10%, it is **84.1545, 88.4981, 96.0237**.

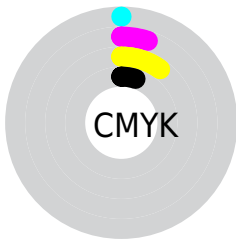
Distribution



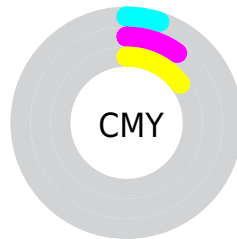
- Red (95%)
- Green (90%)
- Blue (85%)



- Red (95%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1616, 79.9256, 77.0060 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 77.1616, 79.9256, 77.0060 by changing the saturation by 10% instead.

77.1616, 79.9256,
77.0060

77.1616, 79.9256,
77.0060

474.1983,
494.6821, 504.2227

57.6859, 59.6571,
56.7462

128.3392,
133.2611, 130.9210

41.7985, 43.1423,
40.3935

160.7718,
167.0970, 165.4134

29.1339, 29.9968,
27.5294

198.2541,
206.2241, 205.4870

19.3270, 19.8362,
17.7353

241.1515,
251.0268, 251.5603

12.0122, 12.2760,
10.5926

289.8292,
301.8896, 304.0521

6.8242, 6.9319,
5.6829

344.6527,

3.3978, 3.4196,

359.1968, 363.3807

2.5876

405.9873,
423.3328, 429.9647

■ 1.3674, 1.3545,
0.8860

■ 0.2328, 0.1828,
0.0000

■ 77.1616, 79.9256,
77.0060

■ 77.1616, 79.9256,
77.0060

■ 70.8870, 72.0492,
60.5069

■ 84.1545, 88.4981,
96.0237

■ 65.2987, 64.8399,
46.4140

■ 90.1625, 97.0859,
108.5951

■ 60.3721, 58.2814,
34.6142

■ 90.4283, 97.6174,
108.6837

■ 56.0781, 52.3533,
24.9830

■ 52.3854, 47.0335,
17.3840

■ 49.2593, 42.2984,
11.6651

■ 46.6608, 38.1220,
7.6523

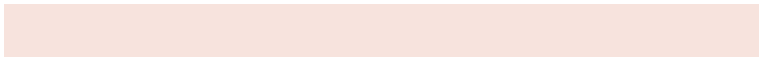
■ 44.5443, 34.4756,
5.1386

■ 42.8872, 31.4153,
3.8034

Harmonies

Analogous

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



78.8530, 79.9256, 79.8981



77.1616, 79.9256, 77.0060



75.1779, 79.9256, 76.7257

Triad

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



77.1616, 79.9256, 77.0060



72.2798, 79.9256, 89.3127



78.5556, 79.9256, 95.4463

Complementary

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



77.1616, 79.9256, 77.0060



72.9388, 77.7547, 95.1690

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.



76.7614, 79.9256, 98.2079



77.1616, 79.9256, 77.0060



73.1521, 79.9256, 94.5644

Square

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



77.1616, 79.9256, 77.0060



72.3827, 79.9256, 83.6658



74.7846, 79.9256, 97.8782



79.6675, 79.9256, 90.4738

Rectangle

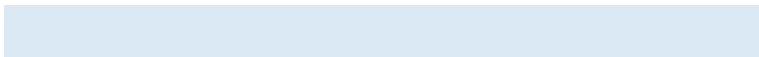
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1616, 79.9256, 77.0060



73.9588, 79.9256, 78.0415



74.7846, 79.9256, 97.8782



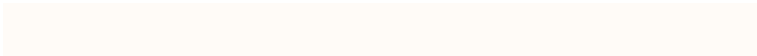
78.0110, 79.9256, 96.6736

Sweetspot

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



77.1638, 79.9291, 77.0077



92.5871, 97.0060, 102.1233



75.7615, 74.2360, 85.4454



19.6793, 20.5946, 21.4805



0.0000, 0.0000, 0.0000



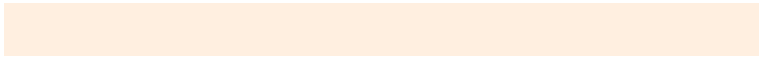
20.3446, 21.4041, 23.3091

Same Dimension

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



77.1638, 79.9291, 77.0077



85.6428, 88.4513, 83.3647



80.6478, 86.8971, 78.1690



16.3991, 17.0113, 16.5689



23.1745, 17.1470, 2.0883



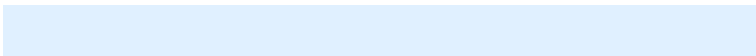
2.0270, 1.6247, 0.2068

Inverse Universe

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



72.9388, 77.7547, 95.1690



80.1650, 85.6320, 106.9112



69.6716, 71.2201, 94.0799



15.5770, 16.5882, 20.1025



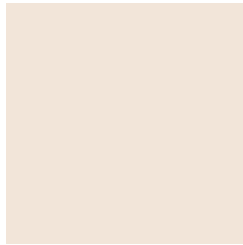
12.7417, 11.7076, 46.7161



1.1596, 1.1732, 3.9195

Previews

White Background



This preview shows how the XYZ color 77.1616, 79.9256, 77.0060 looks on a white background.

Color Contrast Check

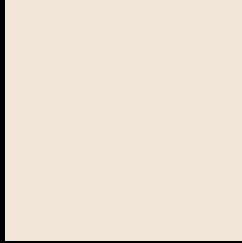
Large Text (above 18pt) WCAG AA × Fail

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 77.1616, 79.9256, 77.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

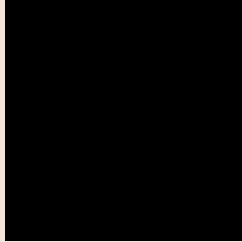
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1616, 79.9256, 77.0060

Background



This preview shows how black text looks on a background with the XYZ color 77.1616, 79.9256, 77.0060.



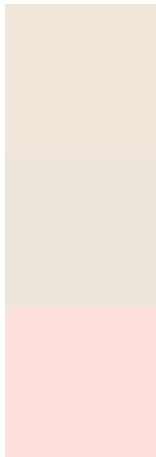
This preview shows how white text looks on a background with the XYZ color 77.1616, 79.9256,

77.0060.

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

77.1616, 79.9256, 77.0060

Protanopia

76.2116, 79.8327, 77.7221

Deuteranopia

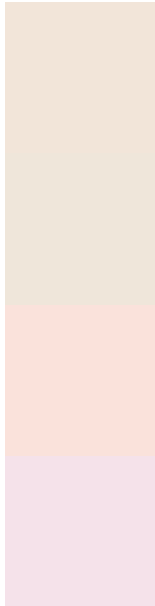
80.8139, 79.7386, 78.8419



Tritanopia

81.1089, 79.9143, 95.9441

Trichromacy



Original Color

77.1616, 79.9256, 77.0060

Protanomaly

76.5483, 80.0063, 77.7379

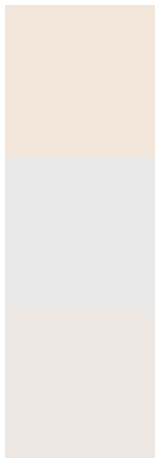
Deuteranomaly

79.4069, 79.8312, 78.2416

Tritanomaly

79.7038, 79.7457, 89.0335

Monochromacy



Original Color

77.1616, 79.9256, 77.0060

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0331, 80.5307, 84.1570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1616, 79.9256, 77.0060 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, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.1616, 79.9256, 77.0060 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, 217) }
```


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

```
.border{ border-color:rgb(242, 229, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1616, 79.9256, 77.0060 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, 217) }
```

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

```
.background{ background-color: rgb(242,  
229, 217) }
```

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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