

Converting Colors

XYZ(8.6504, 10.5447, 7.2096)

Have a look what the booklet for
XYZ(8.6504, 10.5447, 7.2096)
contains.

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Color

**XYZ(8.6504, 10.5447,
7.2096)**

Conversions

Conversions Part 1

Format	Color
Hex	516045
RGB	81, 96, 69
RGB Percent	32%, 38%, 27%
CMY	0.6823, 0.6235, 0.7294
CMYK	0.16, 0.00, 0.28, 0.62
HSL	93°, 16%, 32%
HSV	93°, 28%, 38%
XYZ	8.6504, 10.5447, 7.2096
YIQ	88.4370, -0.2730, -11.5770

Conversions

Conversions Part 2

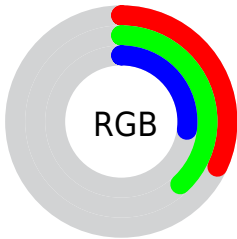
Format	Color
RYB	69, 96, 84
Decimal	5333061
CIELab	38.80, -11.31, 13.58
CIELCh	39, 17.671, 129.804
Yxy	10.5447, 0.3276, 0.3993
Android (android.graphics.Color)	4283523141 (0xFF516045)
YUV	88.4370, -9.5824, -6.5222
Hunter-Lab	32.4726, -9.2763, 9.5672

Details

The XYZ color **8.6504, 10.5447, 7.2096** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8959, 6.9858, 11.9990**, and the grayscale version is **9.3921, 9.8812, 10.7606**.

A 20% lighter version of the original color is **23.0047, 26.9771, 20.8242**, and **2.0436, 2.7265, 1.3383** is the 20% darker color. If you saturate the color by 10%, you get **7.9370, 10.2090, 5.7446**, and if you desaturate by 10%, it is **9.4485, 10.9192, 8.9308**.

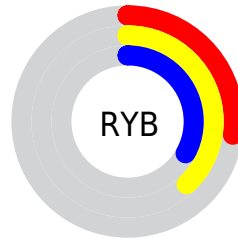
Distribution



Red (32%)

Green (38%)

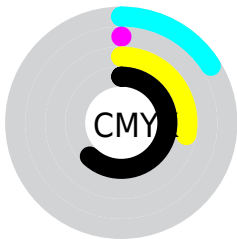
Blue (27%)



Red (27%)

Yellow (38%)

Blue (33%)

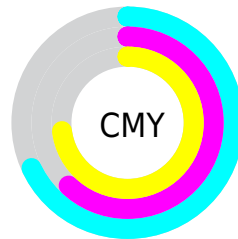


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (62%)



Cyan (68%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.6504, 10.5447, 7.2096 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 8.6504, 10.5447, 7.2096 by changing the saturation by 10% instead.

8.6504, 10.5447,
7.2096

8.6504, 10.5447,
7.2096

175.0109,
194.5167, 179.0906

4.5691, 5.7616,
3.5131

22.8974, 26.8151,
20.9137

2.0289, 2.7007,
1.3622

33.7938, 39.0712,
31.7583

0.6501, 0.9775,
0.1120

47.6927, 54.5870,
45.8227

0.0000, 0.0000,
0.0000

64.9593, 73.7471,
63.5255

85.9591, 96.9356,
85.2851

111.0574,

124.5372, 111.5201

140.6196,
156.9361, 142.6491

■ 8.6504, 10.5447,
7.2096

■ 8.6504, 10.5447,
7.2096

■ 7.9370, 10.2090,
5.7446

■ 9.4485, 10.9192,
8.9308

■ 7.3044, 9.9092,
4.5228

■ 10.3334, 11.3323,
10.9190

■ 6.7495, 9.6445,
3.5312

■ 11.3082, 11.7857,
13.1850

■ 6.2685, 9.4132,
2.7554

■ 12.3756, 12.2805,
15.7391

■ 5.8577, 9.2138,
2.1792

■ 13.5382, 12.8179,
18.5907

■ 5.5124, 9.0442,
1.7840

■ 14.7983, 13.3989,
21.7492

■ 5.2173, 8.8982,
1.4942

■ 16.1583, 14.0245,
25.2233

■ 5.1654, 8.8725,
1.4403

■ 17.6205, 14.6958,
29.0215

■ 19.1871, 15.4136,
33.1517

Harmonies

Analogous

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



9.6443, 10.5447, 6.2317



8.6504, 10.5447, 7.2096



8.0562, 10.5447, 9.3980

Triad

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



8.6504, 10.5447, 7.2096



9.2658, 10.5447, 18.6502



12.4062, 10.5447, 10.4191

Complementary

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



8.6504, 10.5447, 7.2096



7.8959, 6.9858, 11.9990

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.



12.2850, 10.5447, 13.8520



8.6504, 10.5447, 7.2096



10.4103, 10.5447, 19.0706

Square

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



8.6504, 10.5447, 7.2096



8.3919, 10.5447, 16.1185



11.5323, 10.5447, 17.1752



11.8516, 10.5447, 7.8317

Rectangle

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



8.6504, 10.5447, 7.2096



7.9373, 10.5447, 11.4593



11.5323, 10.5447, 17.1752



12.4441, 10.5447, 11.5035

Sweetspot

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



8.6507, 10.5452, 7.2098



18.0814, 19.8414, 19.0826



9.0571, 9.2342, 6.9354



4.4433, 4.9050, 4.6327



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



8.6507, 10.5452, 7.2098



14.2740, 18.0577, 10.8093



7.7540, 10.0780, 7.3892



2.6385, 2.9050, 2.7658



7.1250, 12.3072, 2.0000



37.0789, 65.2404, 10.6384

Inverse Universe

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



7.8959, 6.9858, 11.9990



12.7032, 10.6531, 20.7720



9.0020, 7.5631, 11.7291



2.5690, 2.5770, 3.2072



4.9435, 2.2093, 15.5536



25.3834, 11.2738, 83.0428

Previews

White Background



This preview shows how the XYZ color 8.6504, 10.5447, 7.2096 looks on a white background.

Color Contrast Check

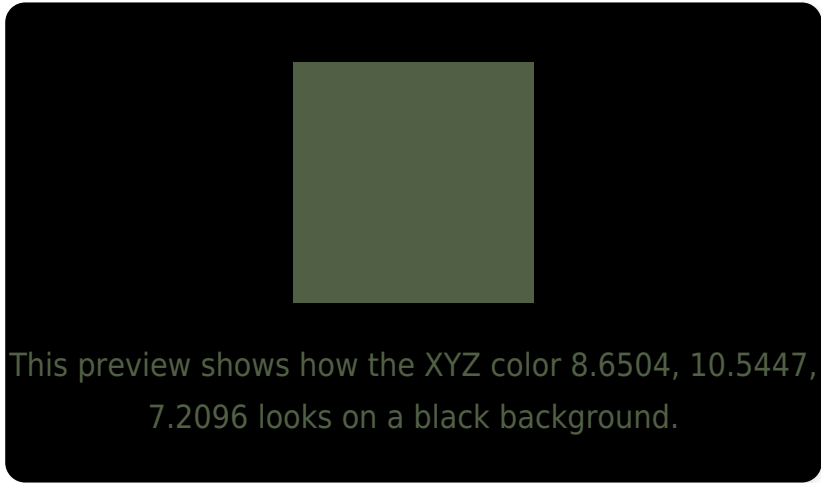
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

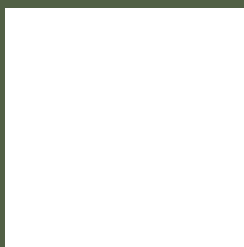
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 8.6504, 10.5447, 7.2096

Background



This preview shows how black text looks on a background with the XYZ color 8.6504, 10.5447, 7.2096.



This preview shows how white text looks on a background with the XYZ color 8.6504, 10.5447,

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

8.6504, 10.5447, 7.2096

Protanopia

9.7912, 10.4841, 6.8178

Deuteranopia

10.6905, 10.5602, 7.4361



Tritanopia

9.9170, 10.5336, 13.3149

Trichromacy



Original Color

8.6504, 10.5447, 7.2096

Protanomaly

9.3714, 10.5214, 7.0057

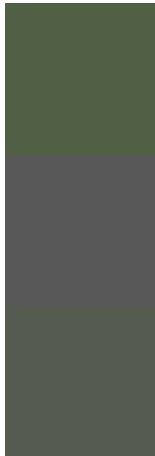
Deuteranomaly

9.8836, 10.5210, 7.3042

Tritanomaly

9.3320, 10.4181, 10.7516

Monochromacy



Original Color

8.6504, 10.5447, 7.2096

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

8.9726, 10.0075, 9.2433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.6504, 10.5447, 7.2096 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(81, 96, 69) looks like.

```
.text, #text, p{  
    color:rgb(81, 96, 69)  
}
```

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(81, 96, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 96, 69) }
```

Border

The CSS property to change the border of an element to XYZ 8.6504, 10.5447, 7.2096 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(81, 96, 69) }
```


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

```
.border{ border-color:rgb(81, 96, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 96, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 96, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 96, 69);  
box-shadow:4px 4px 4px 4px rgb(81, 96, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.6504, 10.5447, 7.2096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 96, 69) }
```

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

```
.background{ background-color: rgb(81, 96,  
69) }
```

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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