

Converting Colors

XYZ(10.7132, 10.3818, 6.5614)

Have a look what the booklet for
XYZ(10.7132, 10.3818, 6.5614)
contains.

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Color

**XYZ(10.7416, 10.3639,
6.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5642
RGB	110, 86, 66
RGB Percent	43%, 34%, 26%
CMY	0.5686, 0.6627, 0.7412
CMYK	0.00, 0.22, 0.40, 0.57
HSL	27°, 25%, 35%
HSV	27°, 40%, 43%
XYZ	10.7416, 10.3639, 6.5886
YIQ	90.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

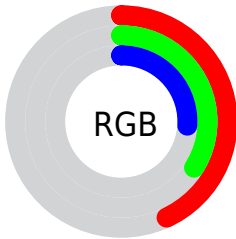
Format	Color
R _Y B	110, 103, 66
Decimal	7231042
CIE Lab	38.49, 6.88, 15.43
CIE LCh	38, 16.889, 65.969
Yxy	10.3639, 0.3879, 0.3742
Android (android.graphics.Color)	4285421122 (0xFF6E5642)
YUV	90.8960, -12.2737, 16.7542
Hunter-Lab	32.1930, 3.2210, 10.4009

Details

The XYZ color **10.7416, 10.3639, 6.5886** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.7174, 9.5962, 16.1448**, and the grayscale version is **9.9442, 10.4621, 11.3932**.

A 20% lighter version of the original color is **26.9457, 26.6098, 19.6356**, and **2.8721, 2.6398, 1.1688** is the 20% darker color. If you saturate the color by 10%, you get **9.9890, 9.3286, 4.8887**, and if you desaturate by 10%, it is **11.5974, 11.5055, 8.6309**.

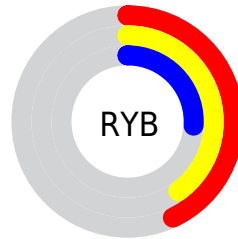
Distribution



 Red (43%)

 Green (34%)

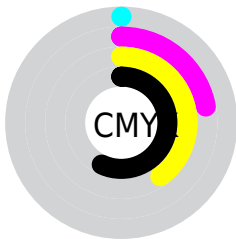
 Blue (26%)



 Red (43%)

 Yellow (40%)

 Blue (26%)

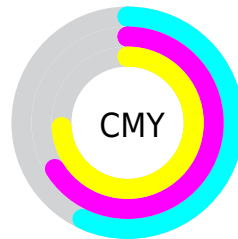


 Cyan (0%)


 Magenta (22%)

 Yellow (40%)

 Black (57%)



 Cyan (57%)

 Magenta (66%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7416, 10.3639, 6.5886 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 10.7416, 10.3639, 6.5886 by changing the saturation by 10% instead.

10.7416, 10.3639,
6.5886

10.7416, 10.3639,
6.5886

189.8312,
193.2499, 173.6993

5.9594, 5.6409,
3.1317

26.8186, 26.4777,
19.6392

2.8608, 2.6280,
1.1622

38.8440, 38.6374,
30.0700

1.0806, 0.9407,
0.0000

54.0145, 54.0447,
43.6625

0.0088, 0.0000,
0.0000

72.6955, 73.0840,
60.8352

0.0000, 0.0000,
0.0000

95.2523, 96.1398,
82.0067

122.0503,

123.5965, 107.5955

153.4548,
155.8384, 138.0202

■ 10.7416, 10.3639,
6.5886

■ 10.7416, 10.3639,
6.5886

■ 9.9890, 9.3286,
4.8887

■ 11.5974, 11.5055,
8.6309

■ 9.3341, 8.3949,
3.5114

■ 12.5598, 12.7553,
11.0328

■ 8.7723, 7.5596,
2.4357

■ 13.6331, 14.1168,
13.8110

■ 8.2982, 6.8187,
1.6379

■ 14.8210, 15.5929,
16.9808

■ 7.9053, 6.1680,
1.0905

■ 16.1272, 17.1864,
20.5569

■ 7.5713, 5.5967,
0.6812

■ 17.5549, 18.9001,
24.5531

■ 7.5713, 5.5966,
0.6812

■ 19.1076, 20.7365,
28.9826

■ 20.7883, 22.6981,
33.8580

■ 22.6000, 24.7875,
39.1914

Harmonies

Analogous

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



11.6726, 10.3639, 8.0740



10.7416, 10.3639, 6.5886



9.6312, 10.3639, 6.2491

Triad

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



10.7416, 10.3639, 6.5886



7.8845, 10.3639, 11.9293



11.1522, 10.3639, 16.9618

Complementary

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



10.7416, 10.3639, 6.5886



8.7174, 9.5962, 16.1448

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.



10.0732, 10.3639, 18.4846



10.7416, 10.3639, 6.5886



8.2288, 10.3639, 15.2500

Square

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



10.7416, 10.3639, 6.5886



8.0343, 10.3639, 8.9830



9.0102, 10.3639, 17.8059



11.9218, 10.3639, 13.9489

Rectangle

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



10.7416, 10.3639, 6.5886



8.9490, 10.3639, 6.6495



9.0102, 10.3639, 17.8059



10.8107, 10.3639, 17.6883

Sweetspot

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



10.7419, 10.3644, 6.5888



23.4871, 24.2191, 23.0620



10.2328, 7.9532, 10.7135



5.4264, 5.5864, 5.2644



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.7419, 10.3644, 6.5888



17.6317, 16.5076, 8.7809



12.7554, 14.3915, 7.2600



3.4978, 3.6281, 3.5893



9.0667, 6.6658, 0.8088



44.3244, 31.5240, 3.7486

Inverse Universe

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



8.7174, 9.5962, 16.1448



13.5412, 14.9524, 28.0796



7.1406, 6.4427, 15.6192



3.3543, 3.5738, 4.2672



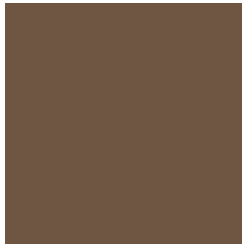
5.2925, 5.1754, 18.4416



25.4937, 24.0393, 91.5755

Previews

White Background



This preview shows how the XYZ color 10.7416, 10.3639, 6.5886 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



This preview shows how the XYZ color 10.7416, 10.3639, 6.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

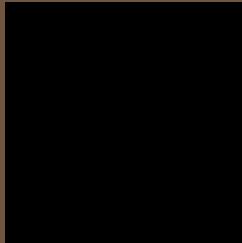
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7416, 10.3639, 6.5886

Background



This preview shows how black text looks on a background with the XYZ color 10.7416, 10.3639, 6.5886.



This preview shows how white text looks on a background with the XYZ color 10.7416, 10.3639,

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

10.7416, 10.3639, 6.5886

Protanopia

9.7142, 10.4409, 6.9721

Deuteranopia

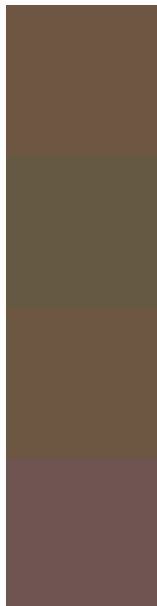
10.5759, 10.3979, 6.6038



Tritanopia

11.5785, 10.3525, 10.8392

Trichromacy



Original Color

10.7416, 10.3639, 6.5886

Protanomaly

10.0650, 10.3748, 6.7822

Deuteranomaly

10.6982, 10.4609, 6.6096

Tritanomaly

11.2111, 10.3142, 9.1845

Monochromacy



Original Color

10.7416, 10.3639, 6.5886

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.1324, 10.3506, 9.4465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7416, 10.3639, 6.5886 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(110, 86, 66)` looks like.

```
.text, #text, p{  
    color:rgb(110, 86, 66)  
}
```

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(110, 86, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 86, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.7416, 10.3639, 6.5886 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(110, 86, 66) }
```


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

```
.border{ border-color:rgb(110, 86, 66) }
```

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

Here you see how a box with a 4 pixel rgb(110, 86, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 86, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 86, 66);  
box-shadow:4px 4px 4px 4px rgb(110, 86,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7416, 10.3639, 6.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 86, 66) }
```

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

```
.background{ background-color: rgb(110, 86,  
66) }
```

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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