

Converting Colors

XYZ(10.6048, 13.6096, 5.6613)

Have a look what the booklet for
XYZ(10.6048, 13.6096, 5.6613)
contains.

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Color

**XYZ(10.6792, 13.7030,
5.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6E37
RGB	92, 110, 55
RGB Percent	36%, 43%, 22%
CMY	0.6392, 0.5686, 0.7843
CMYK	0.16, 0.00, 0.50, 0.57
HSL	80°, 33%, 32%
HSV	80°, 50%, 43%
XYZ	10.6792, 13.7030, 5.6965
YIQ	98.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

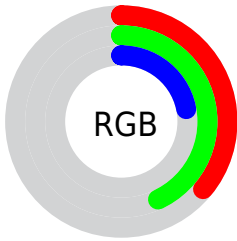
Format	Color
RYB	55, 110, 73
Decimal	6057527
CIELab	43.80, -16.51, 28.31
CIElCh	44, 32.769, 120.245
Yxy	13.7030, 0.3550, 0.4556
Android (android.graphics.Color)	4284247607 (0xFF5C6E37)
YUV	98.3480, -21.3706, -5.5672
Hunter-Lab	37.0176, -13.2853, 16.7884

Details

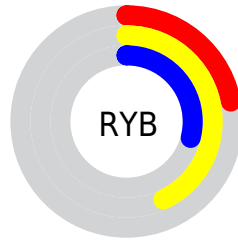
The XYZ color **10.6792, 13.7030, 5.6965** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.9288, 5.2749, 15.4056**, and the grayscale version is **11.7470, 12.3588, 13.4587**.

A 20% lighter version of the original color is **26.6962, 32.6596, 17.7289**, and **2.8106, 4.0004, 0.8825** is the 20% darker color. If you saturate the color by 10%, you get **10.0934, 13.4286, 4.4430**, and if you desaturate by 10%, it is **11.3416, 14.0110, 7.2611**.

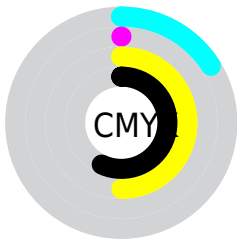
Distribution



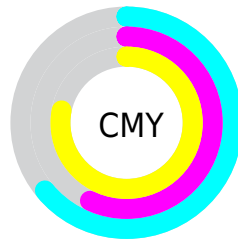
- Red (36%)
- Green (43%)
- Blue (22%)



- Red (22%)
- Yellow (43%)
- Blue (29%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6792, 13.7030, 5.6965 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 10.6792, 13.7030, 5.6965 by changing the saturation by 10% instead.

■ 10.6792, 13.7030,
5.6965

■ 10.6792, 13.7030,
5.6965

189.4073,
215.3753, 165.5420

■ 5.9172, 7.9144,
2.5956

■ 26.7037, 32.5611,
17.7643

■ 2.8350, 4.0402,
0.8902

■ 38.6969, 46.3994,
27.5683

■ 1.0671, 1.6961,
0.0000

■ 53.8312, 63.6897,
40.4438

■ 0.0000, 0.4211,
0.0000

■ 72.4720, 84.8164,
56.8092

■ 0.0000, 0.0000,
0.0000

■ 94.9847, 110.1639,
77.0833

■ 121.7346,

140.1167, 101.6844

153.0870,
175.0590, 131.0311

■ 10.6792, 13.7030,
5.6965

■ 10.6792, 13.7030,
5.6965

■ 10.0934, 13.4286,
4.4430

■ 11.3416, 14.0110,
7.2611

■ 9.5789, 13.1842,
3.4788

■ 12.0835, 14.3523,
9.1549

■ 9.1315, 12.9685,
2.7810

■ 12.9086, 14.7289,
11.3956

■ 8.7458, 12.7794,
2.3223

■ 13.8202, 15.1422,
13.9993

■ 8.4002, 12.6082,
1.9909

■ 14.8216, 15.5934,
16.9813

■ 8.4002, 12.6082,
1.9909

■ 15.9155, 16.0838,
20.3557

■ 17.1047, 16.6144,
24.1363

■ 18.3921, 17.1865,
28.3359

■ 19.7799, 17.8009,
32.9668

Harmonies

Analogous

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



13.0031, 13.7030, 4.7371



10.6792, 13.7030, 5.6965



9.1705, 13.7030, 8.9154

Triad

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



10.6792, 13.7030, 5.6965



10.7115, 13.7030, 30.9905



18.6494, 13.7030, 14.8595

Complementary

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



10.6792, 13.7030, 5.6965



6.9288, 5.2749, 15.4056

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.



17.8298, 13.7030, 23.1521



10.6792, 13.7030, 5.6965



13.0455, 13.7030, 34.1449

Square

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



10.6792, 13.7030, 5.6965



9.1874, 13.7030, 23.2936



15.6898, 13.7030, 30.8916



17.8037, 13.7030, 8.8409

Rectangle

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



10.6792, 13.7030, 5.6965



8.7168, 13.7030, 12.6374



15.6898, 13.7030, 30.8916



18.5584, 13.7030, 17.4626

Sweetspot

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



10.6795, 13.7036, 5.6968



23.3862, 26.1914, 22.0344



9.4649, 8.2800, 4.7140



5.3845, 6.0688, 4.9641



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.



10.6795, 13.7036, 5.6968



17.5723, 23.5099, 7.4983



8.4514, 12.5550, 5.5925



3.5409, 3.8642, 3.6326



10.0596, 15.1296, 2.3901



49.1762, 74.8853, 11.8625

Inverse Universe

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



6.9288, 5.2749, 15.4056



10.1730, 6.8542, 26.6940



9.4274, 6.5631, 15.5225



3.3109, 3.3486, 4.2261



4.2264, 1.7882, 17.8440



20.2323, 8.4845, 88.8504

Previews

White Background



This preview shows how the XYZ color 10.6792, 13.7030, 5.6965 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 10.6792, 13.7030, 5.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

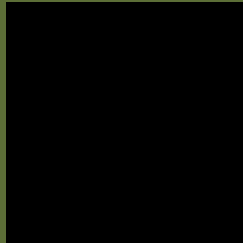
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6792, 13.7030, 5.6965

Background



This preview shows how black text looks on a background with the XYZ color 10.6792, 13.7030, 5.6965.



This preview shows how white text looks on a background with the XYZ color 10.6792, 13.7030,

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

10.6792, 13.7030, 5.6965

Protanopia

12.4323, 13.5349, 5.3254

Deuteranopia

13.8297, 13.6648, 5.9116



Tritanopia

13.0205, 13.7231, 17.2918

Trichromacy



Original Color

10.6792, 13.7030, 5.6965

Protanomaly

11.7637, 13.6386, 5.5025

Deuteranomaly

12.5282, 13.5733, 5.8305

Tritanomaly

11.8662, 13.5502, 11.8876

Monochromacy



Original Color

10.6792, 13.7030, 5.6965

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.0982, 12.5987, 9.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6792, 13.7030, 5.6965 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(92, 110, 55)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 55)  
}
```

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(92, 110, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 55) }
```

Border

The CSS property to change the border of an element to XYZ 10.6792, 13.7030, 5.6965 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(92, 110, 55) }
```


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

```
.border{ border-color:rgb(92, 110, 55) }
```

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

Here you see how a box with a 4 pixel rgb(92, 110, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 55);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6792, 13.7030, 5.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 55) }
```

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

```
.background{ background-color: rgb(92, 110,  
55) }
```

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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