

Converting Colors

XYZ(25.5477, 21.7796, 6.1661)

Have a look what the booklet for
XYZ(25.5477, 21.7796, 6.1661)
contains.

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Color

**XYZ(25.4928, 21.6691,
6.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	B57035
RGB	181, 112, 53
RGB Percent	71%, 44%, 21%
CMY	0.2902, 0.5608, 0.7921
CMYK	0.00, 0.38, 0.71, 0.29
HSL	28°, 55%, 46%
HSV	28°, 71%, 71%
XYZ	25.4928, 21.6691, 6.2071
YIQ	125.9050, 60.0630, -3.7210

Conversions

Conversions Part 2

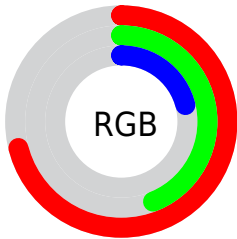
Format	Color
R_{YB}	181, 162, 53
Decimal	11890741
CIE Lab	53.67, 22.13, 43.15
CIE LCh	54, 48.498, 62.850
Yxy	21.6691, 0.4777, 0.4060
Android (android.graphics.Color)	4290080821 (0xFFB57035)
YUV	125.9050, -35.9422, 48.3183
Hunter-Lab	46.5501, 16.2915, 24.6792

Details

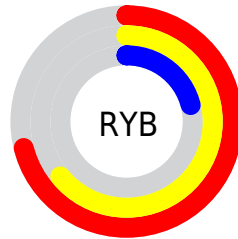
The XYZ color **25.4928, 21.6691, 6.2071** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.7678, 18.0112, 46.3085**, and the grayscale version is **19.9034, 20.9400, 22.8036**.

A 20% lighter version of the original color is **51.9494, 46.2110, 18.7520**, and **10.0127, 7.8821, 1.0511** is the 20% darker color. If you saturate the color by 10%, you get **24.1337, 19.4962, 4.0736**, and if you desaturate by 10%, it is **27.1268, 24.1405, 9.2082**.

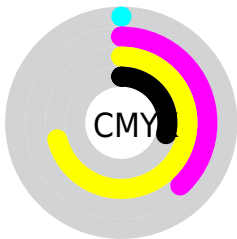
Distribution



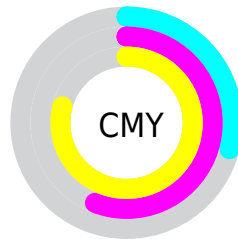
- Red (71%)
- Green (44%)
- Blue (21%)



- Red (71%)
- Yellow (64%)
- Blue (21%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4928, 21.6691, 6.2071 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 25.4928, 21.6691, 6.2071 by changing the saturation by 10% instead.

 25.4928, 21.6691,
6.2071


 25.4928, 21.6691,
6.2071


272.5859,
260.8133, 170.2753


 16.5753, 13.6140,
2.9006


 51.8927, 46.1985,
18.8443


 10.0256, 7.8527,
1.0441


 70.1058, 63.4415,
29.0121

 5.4783, 4.0008,
0.0000

 92.1482, 84.5160,
42.3040

 2.5682, 1.6740,
0.0000

 118.3851,
109.8062, 59.1387

 0.9298, 0.4067,
0.0000

 149.1820,
139.6967, 79.9346

 0.0000, 0.0000,
0.0000

 184.9042,

174.5718, 105.1103

225.9170,
214.8159, 135.0843

■ 25.4928, 21.6691,
6.2071

■ 25.4928, 21.6691,
6.2071

■ 24.1337, 19.4962,
4.0736

■ 27.1268, 24.1405,
9.2082

■ 23.0255, 17.6034,
2.7064

■ 29.0536, 26.9204,
13.1605

■ 22.1826, 16.0771,
1.9340

■ 31.2910, 30.0223,
18.1389

■ 33.8548, 33.4577,
24.2104

■ 36.7596, 37.2374,
31.4363

■ 40.0189, 41.3718,
39.8733

■ 43.6456, 45.8705,
49.5742

■ 47.6517, 50.7430,
60.5889

■ 52.0487, 55.9982,
72.9643

Harmonies

Analogous

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



30.1670, 21.6691, 11.2398



25.4928, 21.6691, 6.2071



20.1037, 21.6691, 5.0146

Triad

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



25.4928, 21.6691, 6.2071



12.1511, 21.6691, 25.0435



26.4963, 21.6691, 56.6636

Complementary

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



25.4928, 21.6691, 6.2071



16.7678, 18.0112, 46.3085

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.



21.0959, 21.6691, 65.1902



25.4928, 21.6691, 6.2071



13.2991, 21.6691, 42.7374

Square

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



25.4928, 21.6691, 6.2071



12.9319, 21.6691, 12.8088



16.3699, 21.6691, 59.2500



30.8114, 21.6691, 39.1838

Rectangle

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



25.4928, 21.6691, 6.2071



16.9591, 21.6691, 5.8424



16.3699, 21.6691, 59.2500



24.7185, 21.6691, 60.9400

Sweetspot

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



25.4933, 21.6702, 6.2075



65.4880, 66.2444, 55.4189



23.9294, 13.8102, 20.2750



13.8386, 13.9103, 11.1827



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.4933, 21.6702, 6.2075



42.0391, 32.9244, 5.7443



34.9507, 40.5850, 9.3600



8.8084, 9.1293, 8.9504



15.3603, 11.2191, 1.3559



0.5419, 0.4701, 0.0622

Inverse Universe

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



16.7678, 18.0112, 46.3085



25.4114, 25.8840, 81.9514



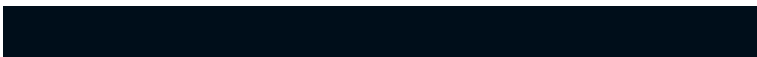
11.3934, 7.2625, 44.5170



8.4087, 8.9635, 10.7933



8.8027, 8.4058, 31.2955



0.3345, 0.3796, 1.0039

Previews

White Background



This preview shows how the XYZ color 25.4928, 21.6691, 6.2071 looks on a white background.

Color Contrast Check

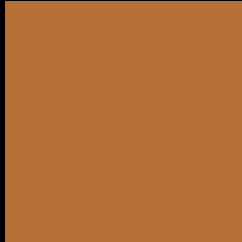
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.4928, 21.6691, 6.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

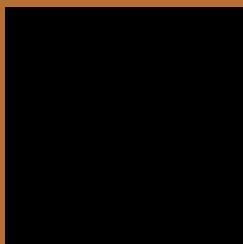
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4928, 21.6691, 6.2071

Background



This preview shows how black text looks on a background with the XYZ color 25.4928, 21.6691, 6.2071.



This preview shows how white text looks on a background with the XYZ color 25.4928, 21.6691,

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

25.4928, 21.6691, 6.2071

Protanopia

19.9417, 21.8456, 7.1686

Deuteranopia

22.0325, 21.6229, 6.0300



Tritanopia

28.0398, 21.6097, 18.3160

Trichromacy



Original Color

25.4928, 21.6691, 6.2071

Protanomaly

21.7014, 21.6195, 6.7706

Deuteranomaly

23.2244, 21.5207, 6.0618

Tritanomaly

27.0181, 21.6708, 12.6564

Monochromacy



Original Color

25.4928, 21.6691, 6.2071

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9436, 20.6866, 14.6934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4928, 21.6691, 6.2071 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(181, 112, 53)` looks like.

```
.text, #text, p{  
    color:rgb(181, 112, 53)  
}
```

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(181, 112, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 112, 53) }
```

Border

The CSS property to change the border of an element to XYZ 25.4928, 21.6691, 6.2071 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(181, 112, 53) }
```


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

```
.border{ border-color:rgb(181, 112, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 112, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 112, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 112, 53);  
box-shadow:4px 4px 4px 4px rgb(181, 112,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4928, 21.6691, 6.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 112, 53) }
```

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

```
.background{ background-color: rgb(181,  
112, 53) }
```

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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