

Converting Colors

XYZ(30.1216, 21.0317, 6.0538)

Have a look what the booklet for
XYZ(30.1216, 21.0317, 6.0538)
contains.

XYZ(30.1628, 21.0234, 6.0826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.1628, 21.0234,
6.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5B37
RGB	207, 91, 55
RGB Percent	81%, 36%, 22%
CMY	0.1882, 0.6431, 0.7843
CMYK	0.00, 0.56, 0.73, 0.19
HSL	14°, 61%, 51%
HSV	14°, 73%, 81%
XYZ	30.1628, 21.0234, 6.0826
YIQ	121.5800, 80.6920, 13.3960

Conversions

Conversions Part 2

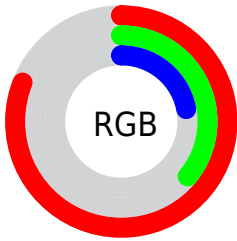
Format	Color
R_{YB}	207, 102, 55
Decimal	13589303
CIE _{Lab}	52.98, 43.74, 42.47
CIE _{LCh}	53, 60.965, 44.154
Yxy	21.0234, 0.5267, 0.3671
Android (android.graphics.Color)	4291779383 (0xFFCF5B37)
YUV	121.5800, -32.8239, 74.9133
Hunter-Lab	45.8513, 37.1847, 24.2305

Details

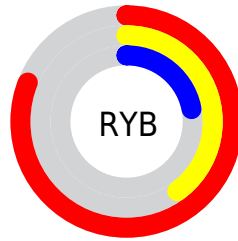
The XYZ color **30.1628, 21.0234, 6.0826** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **27.3997, 34.4405, 64.2347**, and the grayscale version is **18.4476, 19.4083, 21.1357**.

A 20% lighter version of the original color is **53.7119, 42.2060, 18.4123**, and **12.5910, 7.5148, 1.0166** is the 20% darker color. If you saturate the color by 10%, you get **28.5555, 18.4433, 3.5911**, and if you desaturate by 10%, it is **32.2633, 24.2575, 9.7648**.

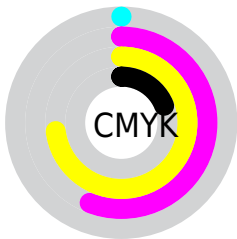
Distribution



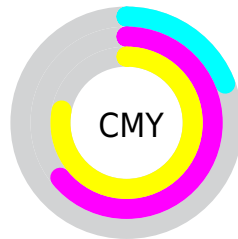
- Red (81%)
- Green (36%)
- Blue (22%)



- Red (81%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (73%)
- Black (19%)





- Cyan (19%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1628, 21.0234, 6.0826 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 30.1628, 21.0234, 6.0826 by changing the saturation by 10% instead.


 30.1628, 21.0234,
6.0826


 30.1628, 21.0234,
6.0826


294.5588,
257.4028, 169.1377


 20.1109, 13.1411,
2.8258


 59.3044, 45.1265,
18.5827


 12.5844, 7.5258,
1.0064


 79.1248, 62.1160,
28.6631

 7.2180, 3.7930,
0.0000


 102.9321, 82.9102,
41.8551

 3.6464, 1.5585,
0.0000

 131.0915,
107.8932, 58.5772

 1.5041, 0.3294,
0.0000

 163.9686,
137.4496, 79.2479

 0.3286, 0.0000,
0.0000

 201.9286,

 0.0000, 0.0000,

171.9638, 104.2859

0.0000

245.3369,
211.8200, 134.1097

■ 30.1628, 21.0234,
6.0826

■ 30.1628, 21.0234,
6.0826

■ 28.5555, 18.4433,
3.5911

■ 32.2633, 24.2575,
9.7648

■ 27.3939, 16.4666,
2.1360

■ 34.8952, 28.1842,
14.7643

■ 26.8317, 15.4649,
1.5708

■ 38.0943, 32.8430,
21.1923

■ 41.8925, 38.2695,
29.1481

■ 46.3195, 44.4967,
38.7217

■ 51.4028, 51.5558,
49.9965

■ 57.1683, 59.4761,
63.0498

■ 63.6406, 68.2857,
77.9543

■ 70.8426, 78.0113,
94.7786

Harmonies

Analogous

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



34.4284, 21.0234, 15.3164



30.1628, 21.0234, 6.0826



23.5301, 21.0234, 2.9803

Triad

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



30.1628, 21.0234, 6.0826



10.3361, 21.0234, 14.5609



23.1412, 21.0234, 76.8069

Complementary

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



30.1628, 21.0234, 6.0826



27.3997, 34.4405, 64.2347

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.



16.8100, 21.0234, 76.2053



30.1628, 21.0234, 6.0826



10.2757, 21.0234, 32.6236

Square

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



30.1628, 21.0234, 6.0826



12.5842, 21.0234, 5.7838



12.3965, 21.0234, 57.2138



29.8262, 21.0234, 58.5786

Rectangle

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



30.1628, 21.0234, 6.0826



19.1049, 21.0234, 2.6717



12.3965, 21.0234, 57.2138



20.8858, 21.0234, 79.0157

Sweetspot

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



30.1633, 21.0246, 6.0830



75.1280, 72.5605, 64.0179



34.4998, 18.9585, 40.6361



15.6345, 14.9076, 12.7256



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.



30.1633, 21.0246, 6.0830



44.6336, 27.6598, 4.2553



40.1428, 40.9835, 9.4094



12.0328, 12.2564, 12.3436



16.9667, 9.8665, 1.0102



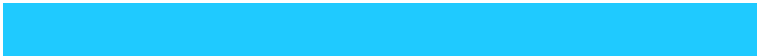
1.0114, 0.6771, 0.0774

Inverse Universe

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



27.3997, 34.4405, 64.2347



39.6868, 49.6726, 102.1038



16.9785, 13.5982, 60.7609



11.9112, 12.9126, 15.1082



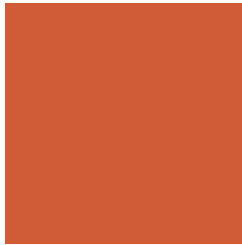
14.8716, 18.3897, 39.9582



0.8903, 1.1457, 2.2538

Previews

White Background



This preview shows how the XYZ color 30.1628, 21.0234, 6.0826 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 30.1628, 21.0234, 6.0826 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 30.1628, 21.0234, 6.0826

Background



This preview shows how black text looks on a background with the XYZ color 30.1628, 21.0234, 6.0826.



This preview shows how white text looks on a background with the XYZ color 30.1628, 21.0234,

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

30.1628, 21.0234, 6.0826

Protanopia

19.3880, 21.1475, 8.2143

Deuteranopia

21.4714, 21.1572, 5.7484



Tritanopia

31.6345, 21.1444, 12.5392

Trichromacy



Original Color

30.1628, 21.0234, 6.0826

Protanomaly

22.1967, 20.2749, 7.3010

Deuteranomaly

24.0780, 20.6210, 5.8432

Tritanomaly

30.9134, 20.9539, 9.8123

Monochromacy



Original Color

30.1628, 21.0234, 6.0826

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.0259, 19.0230, 14.1189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1628, 21.0234, 6.0826 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(207, 91, 55)` looks like.

```
.text, #text, p{  
    color:rgb(207, 91, 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(207, 91, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 91, 55) }
```

Border

The CSS property to change the border of an element to XYZ 30.1628, 21.0234, 6.0826 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(207, 91, 55) }
```


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

```
.border{ border-color:rgb(207, 91, 55) }
```

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

Here you see how a box with a 4 pixel rgb(207, 91, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 91, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 91, 55);  
box-shadow:4px 4px 4px 4px rgb(207, 91,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1628, 21.0234, 6.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 91, 55) }
```

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

```
.background{ background-color: rgb(207, 91,  
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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