

Converting Colors

XYZ(27.4711, 18.7217, 6.3954)

Have a look what the booklet for
XYZ(27.4711, 18.7217, 6.3954)
contains.

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Color

**XYZ(27.5391, 18.8090,
6.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	C7543C
RGB	199, 84, 60
RGB Percent	78%, 33%, 24%
CMY	0.2196, 0.6706, 0.7647
CMYK	0.00, 0.58, 0.70, 0.22
HSL	10°, 55%, 51%
HSV	10°, 70%, 78%
XYZ	27.5391, 18.8090, 6.4540
YIQ	115.6490, 76.2440, 16.9160

Conversions

Conversions Part 2

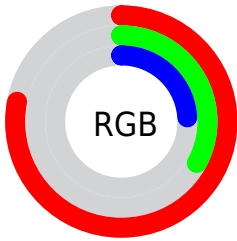
Format	Color
R_{YB}	199, 89, 60
Decimal	13063228
CIE _{Lab}	50.46, 44.38, 36.61
CIE _{LCh}	50, 57.531, 39.521
Yxy	18.8090, 0.5216, 0.3562
Android (android.graphics.Color)	4291253308 (0xFFC7543C)
YUV	115.6490, -27.4350, 73.0988
Hunter-Lab	43.3693, 37.4494, 21.5353

Details

The XYZ color **27.5391, 18.8090, 6.4540** 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 **27.5009, 35.7414, 59.4818**, and the grayscale version is **16.5586, 17.4210, 18.9715**.

A 20% lighter version of the original color is **52.8924, 40.2340, 19.1656**, and **11.1980, 6.4520, 1.1071** is the 20% darker color. If you saturate the color by 10%, you get **25.9774, 16.3752, 3.8081**, and if you desaturate by 10%, it is **29.5997, 21.9246, 10.2420**.

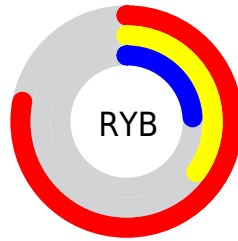
Distribution



Red (78%)

Green (33%)

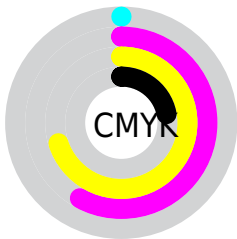
Blue (24%)



Red (78%)

Yellow (35%)

Blue (24%)

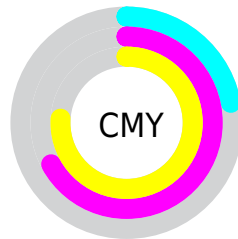


Cyan (0%)

Magenta (58%)

Yellow (70%)

Black (22%)



Cyan (22%)


Magenta (67%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5391, 18.8090, 6.4540 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 27.5391, 18.8090, 6.4540 by changing the saturation by 10% instead.

 27.5391, 18.8090,
6.4540


 27.5391, 18.8090,
6.4540


282.3781,
245.3923, 172.5015


 18.1172, 11.5323,
3.0498


 55.1616, 41.4111,
19.3599


 11.1344, 6.4261,
1.1201


 74.0928, 57.5053,
29.6987


 6.2252, 3.1059,
0.0000


 96.9246, 77.3076,
43.1861

 3.0245, 1.1873,
0.0000

 124.0222,
101.2022, 60.2407

 1.1667, 0.0513,
0.0000

 155.7510,
129.5736, 81.2810

 0.0798, 0.0000,
0.0000

 192.4763,

 0.0000, 0.0000,

162.8061, 106.7255

0.0000

234.5636,
201.2842, 136.9929

■ 27.5391, 18.8090,
6.4540

■ 27.5391, 18.8090,
6.4540

■ 25.9774, 16.3752,
3.8081

■ 29.5997, 21.9246,
10.2420

■ 24.8685, 14.5680,
2.1724

■ 32.1972, 25.7653,
15.2824

■ 24.1445, 13.3224,
1.3076

■ 35.3669, 30.3746,
21.6731

■ 24.1356, 13.3073,
1.2965

■ 39.1412, 35.7916,
29.5024

■ 43.5495, 42.0525,
38.8508

■ 48.6196, 49.1915,
49.7929

■ 54.3774, 57.2408,
62.3986

■ 60.8476, 66.2311,
76.7332

■ 68.0536, 76.1915,
92.8588

Harmonies

Analogous

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



30.7422, 18.8090, 15.7894



27.5391, 18.8090, 6.4540



21.9165, 18.8090, 3.0434

Triad

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



27.5391, 18.8090, 6.4540



9.5667, 18.8090, 11.4727



19.7188, 18.8090, 68.4493

Complementary

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



27.5391, 18.8090, 6.4540



27.5009, 35.7414, 59.4818

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.



14.3678, 18.8090, 65.0978



27.5391, 18.8090, 6.4540



9.2201, 18.8090, 26.0177

Square

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



27.5391, 18.8090, 6.4540



11.8620, 18.8090, 4.7110



10.7897, 18.8090, 47.0483



25.6446, 18.8090, 54.6784

Rectangle

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



27.5391, 18.8090, 6.4540



17.9675, 18.8090, 2.5288



10.7897, 18.8090, 47.0483



17.7876, 18.8090, 69.4012

Sweetspot

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



27.5395, 18.8100, 6.4543



75.0551, 71.9371, 65.4657



32.9889, 18.5018, 42.8202



15.5875, 14.7208, 12.9959



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.



27.5395, 18.8100, 6.4543



44.3465, 26.8383, 4.9226



35.7054, 35.1417, 9.1763



10.7795, 10.9281, 11.1040



15.5649, 8.6470, 0.8487



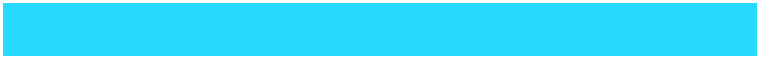
0.7840, 0.5035, 0.0559

Inverse Universe

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



27.5009, 35.7414, 59.4818



44.0294, 57.8331, 103.4501



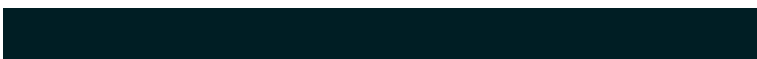
17.3608, 15.4612, 56.1017



10.7849, 11.7438, 13.6158



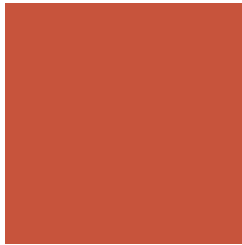
15.2947, 19.9834, 37.7954



0.7664, 1.0307, 1.8037

Previews

White Background



This preview shows how the XYZ color 27.5391, 18.8090, 6.4540 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 27.5391, 18.8090, 6.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

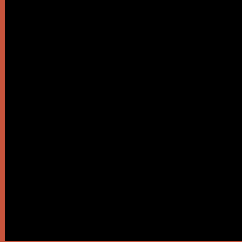
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5391, 18.8090, 6.4540

Background



This preview shows how black text looks on a background with the XYZ color 27.5391, 18.8090, 6.4540.



This preview shows how white text looks on a background with the XYZ color 27.5391, 18.8090,

6.4540.

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

27.5391, 18.8090, 6.4540

Protanopia

17.5557, 19.0613, 9.0572

Deuteranopia

19.1910, 18.9174, 6.1300



Tritanopia

28.4416, 18.8361, 10.9408

Trichromacy



Original Color

27.5391, 18.8090, 6.4540

Protanomaly

20.1163, 18.2104, 7.9236

Deuteranomaly

21.6005, 18.4016, 6.1548

Tritanomaly

28.1763, 18.8498, 9.1745

Monochromacy



Original Color

27.5391, 18.8090, 6.4540

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.9157, 16.8561, 13.3229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5391, 18.8090, 6.4540 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(199, 84, 60)` looks like.

```
.text, #text, p{  
    color:rgb(199, 84, 60)  
}
```

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(199, 84, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 84, 60) }
```

Border

The CSS property to change the border of an element to XYZ 27.5391, 18.8090, 6.4540 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(199, 84, 60) }
```


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

```
.border{ border-color:rgb(199, 84, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 84, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 84, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 84, 60);  
box-shadow:4px 4px 4px 4px rgb(199, 84,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5391, 18.8090, 6.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 84, 60) }
```

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

```
.background{ background-color: rgb(199, 84,  
60) }
```

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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