

Converting Colors

XYZ(27.1090, 18.6683, 3.1536)

Have a look what the booklet for
XYZ(27.1090, 18.6683, 3.1536)
contains.

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Color

**XYZ(27.1762, 18.6946,
3.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	C8541A
RGB	200, 84, 26
RGB Percent	78%, 33%, 10%
CMY	0.2157, 0.6706, 0.8980
CMYK	0.00, 0.58, 0.87, 0.22
HSL	20°, 77%, 44%
HSV	20°, 87%, 78%
XYZ	27.1762, 18.6946, 3.1534
YIQ	112.0720, 87.7540, 6.5540

Conversions

Conversions Part 2

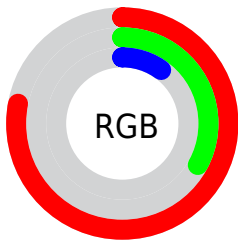
Format	Color
R_{YB}	200, 113, 26
Decimal	13128730
CIE _{Lab}	50.33, 43.50, 52.94
CIE _{LCh}	50, 68.520, 50.590
Yxy	18.6946, 0.5543, 0.3813
Android (android.graphics.Color)	4291318810 (0xFFC8541A)
YUV	112.0720, -42.4335, 77.1129
Hunter-Lab	43.2373, 36.5286, 25.9419

Details

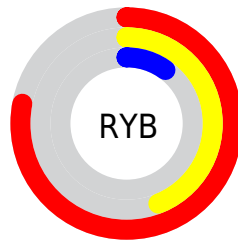
The XYZ color **27.1762, 18.6946, 3.1534** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **20.5235, 23.7342, 58.1426**, and the grayscale version is **15.5257, 16.3342, 17.7880**.

A 20% lighter version of the original color is **51.4902, 39.6731, 11.7813**, and **11.1374, 6.4689, 0.6616** is the 20% darker color. If you saturate the color by 10%, you get **26.0847, 16.7576, 2.0321**, and if you desaturate by 10%, it is **28.6186, 21.0889, 5.1473**.

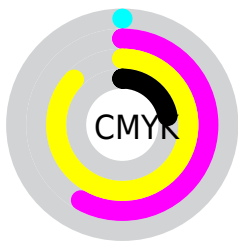
Distribution



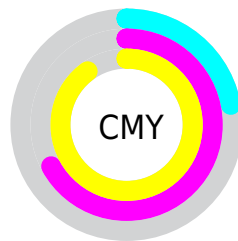
- Red (78%)
- Green (33%)
- Blue (10%)



- Red (78%)
- Yellow (44%)
- Blue (10%)



- Cyan (0%)
- Magenta (58%)
- Yellow (87%)
- Black (22%)





- Cyan (22%)
- Magenta (67%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1762, 18.6946, 3.1534 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 27.1762, 18.6946, 3.1534 by changing the saturation by 10% instead.

 27.1762, 18.6946,
3.1534


 27.1762, 18.6946,
3.1534


280.6613,
244.7576, 138.2910


 17.8429, 11.4498,
1.1735


 54.5844, 41.2174,
12.0047

 10.9362, 6.3702,
0.0000


 73.3899, 57.2642,
19.7131


 6.0910, 3.0715,
0.0000


 96.0836, 77.0138,
30.1681

 2.9416, 1.1692,
0.0000

 123.0308,
100.8506, 43.7883

 1.1230, 0.0363,
0.0000

 154.5968,
129.1590, 60.9921


 0.0442, 0.0000,
0.0000


 191.1469,


 0.0000, 0.0000,


162.3233, 82.1982


0.0000


 233.0466,
200.7281, 107.8250


 27.1762, 18.6946,
3.1534

 27.1762, 18.6946,
3.1534

 26.0847, 16.7576,
2.0321

 28.6186, 21.0889,
5.1473

 25.8070, 16.2548,
1.7773

 30.4515, 23.9702,
8.1764

 32.7074, 27.3678,
12.3633

 35.4146, 31.3075,
17.8128

 38.5989, 35.8130,
24.6177

■ 42.2837, 40.9067,
32.8623

■ 46.4909, 46.6096,
42.6237

■ 51.2410, 52.9417,
53.9737

■ 56.5532, 59.9218,
66.9793

Harmonies

Analogous

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



32.6120, 18.6946, 10.0089



27.1762, 18.6946, 3.1534



19.9404, 18.6946, 1.3916

Triad

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



27.1762, 18.6946, 3.1534



7.9101, 18.6946, 14.9399



22.6508, 18.6946, 77.4094

Complementary

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



27.1762, 18.6946, 3.1534



20.5235, 23.7342, 58.1426

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.



15.7606, 18.6946, 81.9916



27.1762, 18.6946, 3.1534



8.2917, 18.6946, 36.1241

Square

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



27.1762, 18.6946, 3.1534



9.6129, 18.6946, 4.8421



10.8293, 18.6946, 63.7299



29.5799, 18.6946, 53.5405

Rectangle

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



27.1762, 18.6946, 3.1534



15.5227, 18.6946, 1.4136



10.8293, 18.6946, 63.7299



20.2214, 18.6946, 81.6609

Sweetspot

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



27.1766, 18.6957, 3.1537



73.6379, 71.4114, 57.8762



29.0712, 14.9712, 26.9489



15.2559, 14.5915, 11.2395



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.



27.1766, 18.6957, 3.1537



44.4892, 27.7583, 3.0131



38.5686, 41.4796, 6.9510



10.9180, 11.2050, 11.1501



16.4834, 10.4839, 1.1548



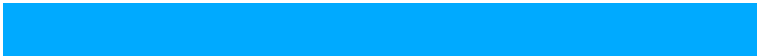
0.8474, 0.6302, 0.0770

Inverse Universe

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



20.5235, 23.7342, 58.1426



32.4231, 35.9663, 99.8410



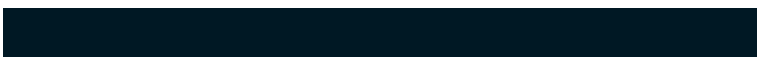
12.2176, 7.1223, 55.3739



10.6373, 11.4487, 13.5667



12.0755, 13.5450, 36.7224



0.6364, 0.7706, 1.7603

Previews

White Background



This preview shows how the XYZ color 27.1762, 18.6946, 3.1534 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 27.1762, 18.6946, 3.1534 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 27.1762, 18.6946, 3.1534

Background



This preview shows how black text looks on a background with the XYZ color 27.1762, 18.6946, 3.1534.



This preview shows how white text looks on a background with the XYZ color 27.1762, 18.6946,

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

27.1762, 18.6946, 3.1534

Protanopia

17.1324, 18.9470, 4.3443

Deuteranopia

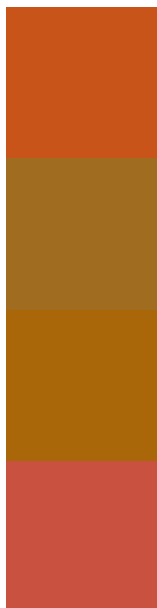
18.9662, 18.7100, 2.6118



Tritanopia

28.7533, 18.7886, 10.4986

Trichromacy



Original Color

27.1762, 18.6946, 3.1534

Protanomaly

19.9213, 18.2003, 3.8295

Deuteranomaly

21.2617, 18.1552, 2.6421

Tritanomaly

27.9270, 18.6612, 6.8327

Monochromacy



Original Color

27.1762, 18.6946, 3.1534

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.7382, 16.0261, 9.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1762, 18.6946, 3.1534 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(200, 84, 26)` looks like.

```
.text, #text, p{  
    color:rgb(200, 84, 26)  
}
```

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(200, 84, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 84, 26) }
```

Border

The CSS property to change the border of an element to XYZ 27.1762, 18.6946, 3.1534 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(200, 84, 26) }
```


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

```
.border{ border-color:rgb(200, 84, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 84, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 84, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 84, 26);  
box-shadow:4px 4px 4px 4px rgb(200, 84,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1762, 18.6946, 3.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 84, 26) }
```

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

```
.background{ background-color: rgb(200, 84,  
26) }
```

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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