

Converting Colors

XYZ(27.0509, 19.8722, 5.7204)

Have a look what the booklet for
XYZ(27.0509, 19.8722, 5.7204)
contains.

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Color

**XYZ(27.1510, 19.8646,
5.7714)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C35E35 |
| RGB | 195, 94, 53 |
| RGB Percent | 76%, 37%, 21% |
| CMY | 0.2353, 0.6313, 0.7922 |
| CMYK | 0.00, 0.52, 0.73, 0.24 |
| HSL | 17°, 57%, 49% |
| HSV | 17°, 73%, 76% |
| XYZ | 27.1510, 19.8646, 5.7714 |
| YIQ | 119.5250, 73.3570, 8.6610 |

Conversions

Conversions Part 2

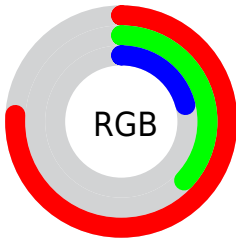
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 111, 53 |
| Decimal | 12803637 |
| CIELab | 51.68, 37.56, 41.57 |
| CIELCh | 52, 56.020, 47.903 |
| Yxy | 19.8646, 0.5144, 0.3763 |
| Android (android.graphics.Color) | 4290993717 (0xFFC35E35) |
| YUV | 119.5250, -32.7968, 66.1916 |
| Hunter-Lab | 44.5697, 30.7417, 23.5213 |

Details

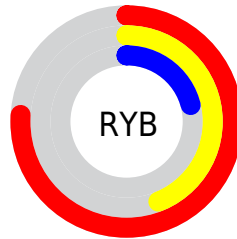
The XYZ color **27.1510, 19.8646, 5.7714** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **22.8731, 27.8062, 55.7910**, and the grayscale version is **17.7866, 18.7129, 20.3783**.

A 20% lighter version of the original color is **53.9172, 42.7771, 17.9854**, and **10.9197, 6.9632, 0.9121** is the 20% darker color. If you saturate the color by 10%, you get **25.6659, 17.4722, 3.4957**, and if you desaturate by 10%, it is **29.0411, 22.7754, 9.0824**.

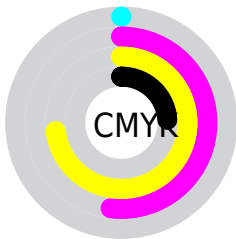
Distribution



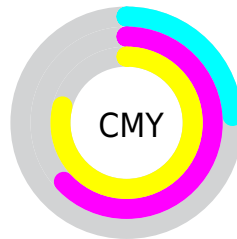
- Red (76%)
- Green (37%)
- Blue (21%)



- Red (76%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (73%)
- Black (24%)





- Cyan (24%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1510, 19.8646, 5.7714 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 27.1510, 19.8646, 5.7714 by changing the saturation by 10% instead.


 27.1510, 19.8646,
5.7714


 27.1510, 19.8646,
5.7714


280.5417,
251.1812, 166.2479


 17.8238, 12.2967,
2.6400


 54.5443, 43.1901,
17.9239


 10.9225, 6.9461,
0.9130


 73.3411, 59.7164,
27.7822


 6.0817, 3.4284,
0.0000


 96.0251, 79.9976,
40.7199

 2.9359, 1.3593,
0.0000

 122.9618,
104.4181, 57.1554

 1.1200, 0.1864,
0.0000

 154.5164,
133.3623, 77.5075

 0.0417, 0.0000,
0.0000

 191.0544,

 0.0000, 0.0000,

167.2147, 102.1946

0.0000

232.9410,
206.3595, 131.6352

■ 27.1510, 19.8646,
5.7714

■ 27.1510, 19.8646,
5.7714

■ 25.6659, 17.4722,
3.4957

■ 29.0411, 22.7754,
9.0824

■ 24.5488, 15.5617,
2.1254

■ 31.3655, 26.2311,
13.5355

■ 23.9348, 14.4606,
1.5297

■ 34.1522, 30.2604,
19.2248

■ 37.4262, 34.8885,
26.2347

■ 41.2106, 40.1394,
34.6418

■ 45.5269, 46.0355,
44.5169

■ 50.3955, 52.5982,
55.9260

■ 55.8354, 59.8478,
68.9311

■ 61.8650, 67.8038,
83.5906

Harmonies

Analogous

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



31.2368, 19.8646, 13.3971



27.1510, 19.8646, 5.7714



21.2530, 19.8646, 3.2312

Triad

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



27.1510, 19.8646, 5.7714



10.1176, 19.8646, 15.7361



22.4255, 19.8646, 66.8722

Complementary

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



27.1510, 19.8646, 5.7714



22.8731, 27.8062, 55.7910

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.



16.6919, 19.8646, 68.6205



27.1510, 19.8646, 5.7714



10.3069, 19.8646, 32.6875

Square

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



27.1510, 19.8646, 5.7714



11.9055, 19.8646, 6.7465



12.4876, 19.8646, 53.9531



28.1557, 19.8646, 49.9524

Rectangle

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



27.1510, 19.8646, 5.7714



17.4243, 19.8646, 3.1210



12.4876, 19.8646, 53.9531



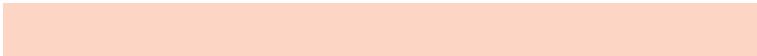
20.4161, 19.8646, 69.4786

Sweetspot

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



27.1515, 19.8657, 5.7717



74.1574, 72.3697, 62.8301



29.6755, 16.5071, 32.5298



15.8057, 15.2501, 12.7827



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.



27.1515, 19.8657, 5.7717



44.7851, 29.2984, 4.7203



36.4654, 38.4935, 8.8764



10.3049, 10.5412, 10.5534



15.6199, 9.5255, 1.0153



0.7359, 0.5336, 0.0642

Inverse Universe

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



22.8731, 27.8062, 55.7910



36.4667, 43.7836, 98.9989



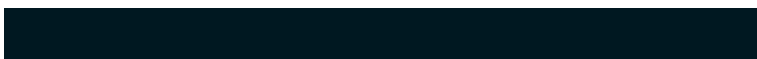
14.4708, 11.0016, 52.9902



10.1149, 10.9211, 12.8597



12.4487, 14.6539, 35.7290



0.5946, 0.7466, 1.5627

Previews

White Background



This preview shows how the XYZ color 27.1510, 19.8646, 5.7714 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 27.1510, 19.8646, 5.7714 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 27.1510, 19.8646, 5.7714

Background



This preview shows how black text looks on a background with the XYZ color 27.1510, 19.8646, 5.7714.



This preview shows how white text looks on a background with the XYZ color 27.1510, 19.8646,

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

27.1510, 19.8646, 5.7714

Protanopia

18.3937, 20.0815, 7.4641

Deuteranopia

20.3179, 20.0321, 5.4850



Tritanopia

28.6639, 19.8413, 13.1455

Trichromacy



Original Color

27.1510, 19.8646, 5.7714

Protanomaly

20.7951, 19.3951, 6.7853

Deuteranomaly

22.3852, 19.5940, 5.5079

Tritanomaly

27.9540, 19.7971, 9.9373

Monochromacy



Original Color

27.1510, 19.8646, 5.7714

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.8284, 18.4165, 13.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1510, 19.8646, 5.7714 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(195, 94, 53)` looks like.

```
.text, #text, p{  
    color:rgb(195, 94, 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(195, 94, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 94, 53) }
```

Border

The CSS property to change the border of an element to XYZ 27.1510, 19.8646, 5.7714 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(195, 94, 53) }
```


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

```
.border{ border-color:rgb(195, 94, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 94, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 94, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 94, 53);  
box-shadow:4px 4px 4px 4px rgb(195, 94,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1510, 19.8646, 5.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 94, 53) }
```

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

```
.background{ background-color: rgb(195, 94,  
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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