

Converting Colors

XYZ(27.4993, 19.1534, 11.4801)

Have a look what the booklet for
XYZ(27.4993, 19.1534, 11.4801)
contains.

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Color

**XYZ(27.4993, 19.1534,
11.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	C25858
RGB	194, 88, 88
RGB Percent	76%, 35%, 35%
CMY	0.2392, 0.6549, 0.6549
CMYK	0.00, 0.55, 0.55, 0.24
HSL	0°, 46%, 55%
HSV	0°, 55%, 76%
XYZ	27.4993, 19.1534, 11.4801
YIQ	119.6940, 63.1760, 22.4720

Conversions

Conversions Part 2

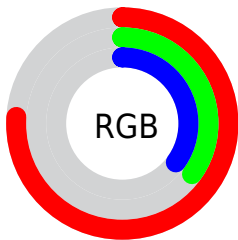
Format	Color
RYB	194, 88, 88
Decimal	12736600
CIELab	50.87, 42.48, 20.80
CIELCh	51, 47.301, 26.090
Yxy	19.1534, 0.4730, 0.3295
Android (android.graphics.Color)	4290926680 (0xFFC25858)
YUV	119.6940, -15.6251, 65.1664
Hunter-Lab	43.7646, 35.5717, 15.0826

Details

The XYZ color **27.4993, 19.1534, 11.4801** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **33.0524, 44.5504, 57.8957**, and the grayscale version is **17.7898, 18.7162, 20.3819**.

A 20% lighter version of the original color is **54.9854, 41.9556, 29.2449**, and **11.0586, 6.5871, 2.9741** is the 20% darker color. If you saturate the color by 10%, you get **25.4139, 16.1022, 7.3340**, and if you desaturate by 10%, it is **30.2231, 23.1394, 16.8941**.

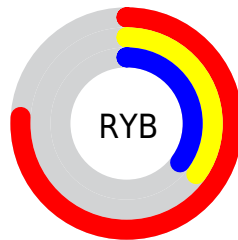
Distribution



Red (76%)

Green (35%)

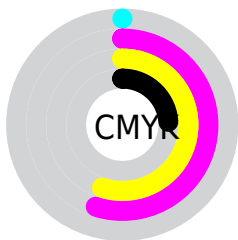
Blue (35%)



Red (76%)

Yellow (35%)

Blue (35%)

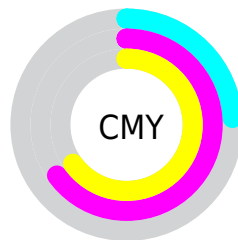


Cyan (0%)

Magenta (55%)

Yellow (55%)

Black (24%)



Cyan (24%)


Magenta (65%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4993, 19.1534, 11.4801 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 27.4993, 19.1534, 11.4801 by changing the saturation by 10% instead.


 27.4993, 19.1534,
11.4801


 27.4993, 19.1534,
11.4801


282.1903,
247.2943, 211.7866


 18.0871, 11.7812,
6.2725


 55.0983, 41.9931,
29.1947

 11.1126, 6.5949,
2.9400


 74.0158, 58.2295,
42.5388


 6.2105, 3.2100,
1.0641


 96.8325, 78.1893,
59.4322

 3.0154, 1.2424,
0.0000

 123.9136,
102.2569, 80.2933

 1.1619, 0.0959,
0.0000

 155.6246,
130.8169, 105.5408

 0.0760, 0.0000,
0.0000

192.3308,

 0.0000, 0.0000,

164.2535, 135.5931

0.0000

234.3976,
202.9512, 170.8689

■ 27.4993, 19.1534,
11.4801

■ 27.4993, 19.1534,
11.4801

■ 25.4139, 16.1022,
7.3340

■ 30.2231, 23.1394,
16.8941

■ 23.9137, 13.9069,
4.3519

■ 33.6299, 28.1247,
23.6667

■ 22.9393, 12.4810,
2.4150

■ 37.7622, 34.1713,
31.8814

■ 22.4180, 11.7181,
1.3790

■ 42.6583, 41.3358,
41.6148

■ 22.2481, 11.4695,
1.0412

■ 48.3542, 49.6704,
52.9380

■ 54.8832, 59.2242,
65.9176

■ 62.2770, 70.0434,
80.6165

■ 70.5656, 82.1718,
97.0942

■ 76.0580, 90.2093,
108.0112

Harmonies

Analogous

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



28.6911, 19.1534, 22.6545



27.4993, 19.1534, 11.4801



23.6769, 19.1534, 5.9818

Triad

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



27.4993, 19.1534, 11.4801



11.7333, 19.1534, 9.5619



17.6004, 19.1534, 58.3782

Complementary

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



27.4993, 19.1534, 11.4801



33.0524, 44.5504, 57.8957

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.



13.6482, 19.1534, 50.2360



27.4993, 19.1534, 11.4801



10.6467, 19.1534, 19.1531

Square

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



27.4993, 19.1534, 11.4801



14.5405, 19.1534, 5.2524



11.2831, 19.1534, 34.3036



22.4380, 19.1534, 53.4472

Rectangle

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



27.4993, 19.1534, 11.4801



20.4455, 19.1534, 4.5439



11.2831, 19.1534, 34.3036



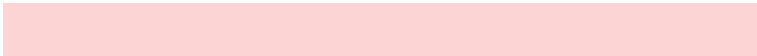
16.1340, 19.1534, 57.0126

Sweetspot

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



27.4998, 19.1544, 11.4804



75.7576, 72.6531, 72.3563



35.4753, 22.3438, 53.4817



16.1669, 15.2909, 15.0038



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.



27.4998, 19.1544, 11.4804



45.2963, 28.0792, 11.8013



33.5344, 31.2236, 13.4920



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



33.0524, 44.5504, 57.8957



56.4133, 78.9250, 104.7306



23.2870, 25.0195, 54.6405



10.3685, 11.4284, 12.9442



19.0843, 27.9252, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 27.4993, 19.1534, 11.4801 looks on a white background.

Color Contrast Check

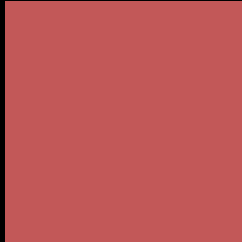
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4993, 19.1534, 11.4801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

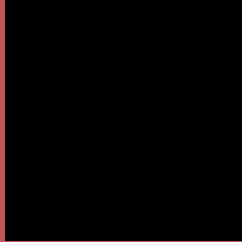
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4993, 19.1534, 11.4801

Background



This preview shows how black text looks on a background with the XYZ color 27.4993, 19.1534, 11.4801.



This preview shows how white text looks on a background with the XYZ color 27.4993, 19.1534,

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

27.4993, 19.1534, 11.4801

Protanopia

18.1876, 19.2432, 15.5877

Deuteranopia

19.4838, 19.1351, 10.8501



Tritanopia

27.6321, 19.0760, 12.5816

Trichromacy



Original Color

27.4993, 19.1534, 11.4801

Protanomaly

20.6221, 18.4945, 14.0382

Deuteranomaly

21.8980, 18.7505, 11.0594

Tritanomaly

27.5447, 19.0411, 12.1211

Monochromacy



Original Color

27.4993, 19.1534, 11.4801

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.1020, 18.0109, 16.6043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4993, 19.1534, 11.4801 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(194, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(194, 88, 88)  
}
```

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(194, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 88, 88) }
```

Border

The CSS property to change the border of an element to XYZ 27.4993, 19.1534, 11.4801 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(194, 88, 88) }
```


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

```
.border{ border-color:rgb(194, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(194, 88,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4993, 19.1534, 11.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 88, 88) }
```

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

```
.background{ background-color: rgb(194, 88,  
88) }
```

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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