

Converting Colors

XYZ(26.9792, 19.1893, 10.4666)

Have a look what the booklet for
XYZ(26.9792, 19.1893, 10.4666)
contains.

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Color

**XYZ(26.9557, 19.1433,
10.4579)**

Conversions

Conversions Part 1	
Format	Color
Hex	C05A53
RGB	192, 90, 83
RGB Percent	75%, 35%, 33%
CMY	0.2471, 0.6470, 0.6745
CMYK	0.00, 0.53, 0.57, 0.25
HSL	4°, 46%, 54%
HSV	4°, 57%, 75%
XYZ	26.9557, 19.1433, 10.4579
YIQ	119.7000, 63.0390, 19.4470

Conversions

Conversions Part 2

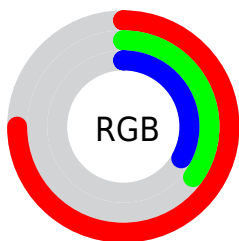
Format	Color
RYB	192, 90, 83
Decimal	12606035
CIELab	50.85, 40.34, 23.67
CIELCh	51, 46.772, 30.408
Yxy	19.1433, 0.4766, 0.3385
Android (android.graphics.Color)	4290796115 (0xFFC05A53)
YUV	119.7000, -18.0931, 63.4071
Hunter-Lab	43.7531, 33.4037, 16.4556

Details

The XYZ color **26.9557, 19.1433, 10.4579** 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 **30.4295, 40.3403, 56.0516**, and the grayscale version is **17.7992, 18.7262, 20.3928**.

A 20% lighter version of the original color is **54.2010, 42.0338, 27.4469**, and **10.9069, 6.6593, 2.5442** is the 20% darker color. If you saturate the color by 10%, you get **24.9778, 16.2142, 6.6340**, and if you desaturate by 10%, it is **29.5060, 22.8890, 15.4855**.

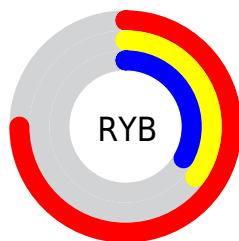
Distribution



Red (75%)

Green (35%)

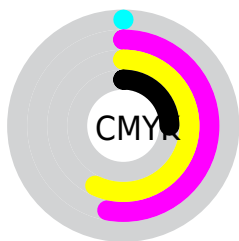
Blue (33%)



Red (75%)

Yellow (35%)

Blue (33%)

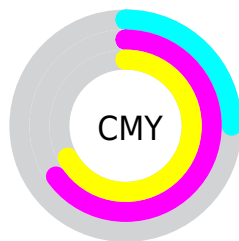


Cyan (0%)

Magenta (53%)

Yellow (57%)

Black (25%)



Cyan (25%)


Magenta (65%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9557, 19.1433, 10.4579 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 26.9557, 19.1433, 10.4579 by changing the saturation by 10% instead.


 26.9557, 19.1433,
10.4579


 26.9557, 19.1433,
10.4579


279.6140,
247.2387, 204.5118

 17.6764, 11.7739,
5.5940


 54.2332, 41.9761,
27.2744


 10.8162, 6.5899,
2.5351


 72.9620, 58.2083,
40.0642


 6.0097, 3.2070,
0.8587


 95.5714, 78.1635,
56.3330

 2.8917, 1.2407,
0.0000

 122.4267,
102.2261, 76.4994

 1.0968, 0.0946,
0.0000

 153.8932,
130.7805, 100.9820

 0.0224, 0.0000,
0.0000


190.3364,

 0.0000, 0.0000,


164.2112, 130.1992


0.0000


232.1216,
202.9024, 164.5696


 26.9557, 19.1433,
10.4579


 26.9557, 19.1433,
10.4579


 24.9778, 16.2142,
6.6340


 29.5060, 22.8890,
15.4855

 23.5267, 14.0381,
3.9121


 32.6669, 27.5026,
21.8050


 22.5521, 12.5467,
2.1757


 36.4749, 33.0351,
29.4977


 21.9907, 11.6572,
1.2691


 40.9633, 39.5324,
38.6378

 21.8738, 11.4777,
1.0625

 46.1630, 47.0374,
49.2942

 52.1031, 55.5906,
61.5313

 58.8111, 65.2299,
75.4100

 66.3129, 75.9917,
90.9878

 74.5043, 87.8588,
107.6394

Harmonies

Analogous

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



28.5704, 19.1433, 20.6635



26.9557, 19.1433, 10.4579



22.9303, 19.1433, 5.6493

Triad

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



26.9557, 19.1433, 10.4579



11.5272, 19.1433, 10.6569



18.2583, 19.1433, 57.9050

Complementary

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



26.9557, 19.1433, 10.4579



30.4295, 40.3403, 56.0516

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.



14.1613, 19.1433, 51.6089



26.9557, 19.1433, 10.4579



10.6957, 19.1433, 21.0251

Square

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



26.9557, 19.1433, 10.4579



14.0690, 19.1433, 5.7253



11.5738, 19.1433, 36.5053



23.0581, 19.1433, 51.2788

Rectangle

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



26.9557, 19.1433, 10.4579



19.7117, 19.1433, 4.4999



11.5738, 19.1433, 36.5053



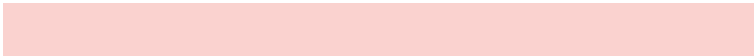
16.7584, 19.1433, 57.2081

Sweetspot

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



26.9562, 19.1443, 10.4582



73.7851, 70.9970, 69.1140



33.7529, 20.9616, 49.0283



15.4573, 14.6932, 14.0678



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9562, 19.1443, 10.4582



44.5670, 28.3476, 10.7059



33.1145, 31.4609, 12.5110



10.1240, 10.1795, 10.4931



14.7396, 7.7649, 0.7219



0.6551, 0.3721, 0.0373

Inverse Universe

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



30.4295, 40.3403, 56.0516



51.4054, 70.3203, 101.2241



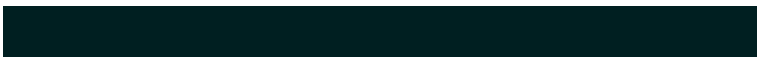
21.3398, 22.1609, 53.0217



10.3113, 11.3140, 12.9252



17.3605, 24.4774, 37.3662



0.7671, 1.0916, 1.6202

Previews

White Background



This preview shows how the XYZ color 26.9557, 19.1433, 10.4579 looks on a white background.

Color Contrast Check

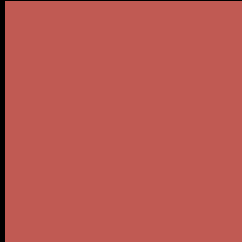
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9557, 19.1433, 10.4579 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 26.9557, 19.1433, 10.4579

Background



This preview shows how black text looks on a background with the XYZ color 26.9557, 19.1433, 10.4579.



This preview shows how white text looks on a background with the XYZ color 26.9557, 19.1433,

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

26.9557, 19.1433, 10.4579

Protanopia

18.0483, 19.2049, 14.0649

Deuteranopia

19.4746, 19.1518, 9.8780



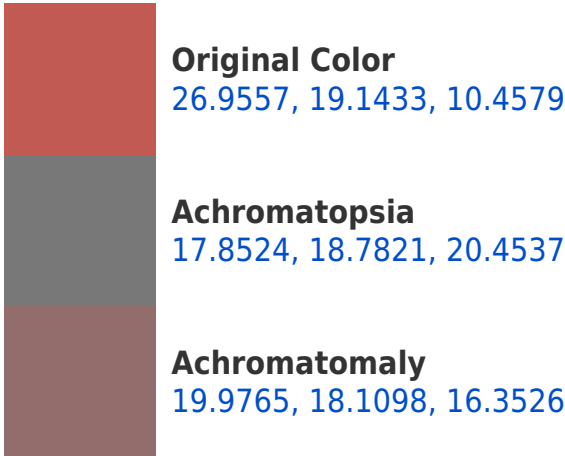
Tritanopia

27.5024, 19.1251, 12.8316

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9557, 19.1433, 10.4579 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(192, 90, 83)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 83)  
}
```

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(192, 90, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 83) }
```

Border

The CSS property to change the border of an element to XYZ 26.9557, 19.1433, 10.4579 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(192, 90, 83) }
```


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

```
.border{ border-color:rgb(192, 90, 83) }
```

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

Here you see how a box with a 4 pixel rgb(192, 90, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 83);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9557, 19.1433, 10.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 83) }
```

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

```
.background{ background-color: rgb(192, 90,  
83) }
```

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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