

Converting Colors

XYZ(26.1712, 19.1572, 6.2386)

Have a look what the booklet for
XYZ(26.1712, 19.1572, 6.2386)
contains.

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Color

**XYZ(26.1387, 19.2005,
6.1993)**

Conversions

Conversions Part 1

Format	Color
Hex	BF5D39
RGB	191, 93, 57
RGB Percent	75%, 36%, 22%
CMY	0.2510, 0.6353, 0.7765
CMYK	0.00, 0.51, 0.70, 0.25
HSL	16°, 54%, 49%
HSV	16°, 70%, 75%
XYZ	26.1387, 19.2005, 6.1993
YIQ	118.1980, 69.9640, 9.5800

Conversions

Conversions Part 2

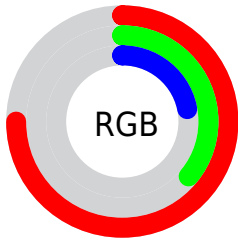
Format	Color
R_{YB}	191, 106, 57
Decimal	12541241
CIE _{Lab}	50.92, 36.70, 38.44
CIE _{LCh}	51, 53.145, 46.328
Yxy	19.2005, 0.5072, 0.3725
Android (android.graphics.Color)	4290731321 (0xFFBF5D39)
YUV	118.1980, -30.1706, 63.8474
Hunter-Lab	43.8184, 29.7973, 22.2847

Details

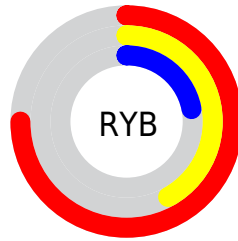
The XYZ color **26.1387, 19.2005, 6.1993** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.8116, 28.0721, 53.5059**, and the grayscale version is **17.3589, 18.2629, 19.8883**.

A 20% lighter version of the original color is **52.8201, 41.9662, 18.6810**, and **10.4400, 6.6574, 1.0514** is the 20% darker color. If you saturate the color by 10%, you get **24.6327, 16.8131, 3.7724**, and if you desaturate by 10%, it is **28.0487, 22.1095, 9.6452**.

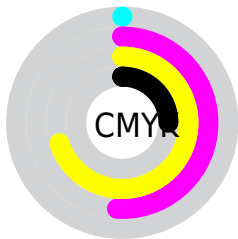
Distribution



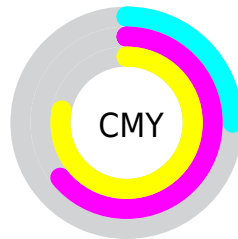
- Red (75%)
- Green (36%)
- Blue (22%)



- Red (75%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1387, 19.2005, 6.1993 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 26.1387, 19.2005, 6.1993 by changing the saturation by 10% instead.


 26.1387, 19.2005,
6.1993


 26.1387, 19.2005,
6.1993


275.7065,
247.5534, 170.2043


 17.0607, 11.8152,
2.8959


 52.9283, 42.0726,
18.8279


 10.3733, 6.6180,
1.0417


 71.3706, 58.3283,
28.9903


 5.7113, 3.2244,
0.0000

 93.6650, 78.3095,
42.2760

 2.7093, 1.2500,
0.0000

 120.1769,
102.4008, 59.1036

 1.0020, 0.1020,
0.0000

 151.2717,
130.9864, 79.8917

 0.0000, 0.0000,
0.0000

 187.3146,

164.4507, 105.0589

228.6711,
203.1783, 135.0235

■ 26.1387, 19.2005,
6.1993

■ 26.1387, 19.2005,
6.1993

■ 24.6327, 16.8131,
3.7724

■ 28.0487, 22.1095,
9.6452

■ 23.4959, 14.9114,
2.2470

■ 30.3907, 25.5668,
14.2076

■ 22.6836, 13.4721,
1.4048

■ 33.1915, 29.6008,
19.9737

■ 36.4752, 34.2370,
27.0217

■ 40.2640, 39.4992,
35.4232

■ 44.5790, 45.4100,
45.2444

■ 49.4398, 51.9908,
56.5471

■ 54.8649, 59.2620,
69.3896

■ 60.8722, 67.2430,
83.8268

Harmonies

Analogous

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



29.7422, 19.2005, 13.7909



26.1387, 19.2005, 6.1993



20.7391, 19.2005, 3.5248

Triad

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



26.1387, 19.2005, 6.1993



10.0982, 19.2005, 14.7942



21.2347, 19.2005, 62.6897

Complementary

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



26.1387, 19.2005, 6.1993



22.8116, 28.0721, 53.5059

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.



15.9676, 19.2005, 63.4130



26.1387, 19.2005, 6.1993



10.1800, 19.2005, 30.1245

Square

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



26.1387, 19.2005, 6.1993



11.8826, 19.2005, 6.6298



12.1327, 19.2005, 49.5355



26.5609, 19.2005, 47.8722

Rectangle

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



26.1387, 19.2005, 6.1993



17.1602, 19.2005, 3.3323



12.1327, 19.2005, 49.5355



19.3840, 19.2005, 64.7691

Sweetspot

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



26.1391, 19.2015, 6.1996



71.2675, 69.5760, 61.5444



28.8877, 16.3782, 32.7665



15.2194, 14.6828, 12.5541



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.



26.1391, 19.2015, 6.1996



42.9859, 28.2458, 5.1562



34.7488, 36.4208, 9.0695



9.7331, 9.9423, 9.9827



14.9654, 8.9695, 0.9425



0.6423, 0.4636, 0.0556

Inverse Universe

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



22.8116, 28.0721, 53.5059



36.4459, 44.6689, 94.9802



14.6030, 11.6549, 50.7697



9.5858, 10.3640, 12.1674



12.3817, 14.8751, 34.6115



0.5363, 0.6852, 1.3728

Previews

White Background



This preview shows how the XYZ color 26.1387, 19.2005, 6.1993 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 26.1387, 19.2005, 6.1993 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 26.1387, 19.2005, 6.1993

Background



This preview shows how black text looks on a background with the XYZ color 26.1387, 19.2005, 6.1993.



This preview shows how white text looks on a background with the XYZ color 26.1387, 19.2005,

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

26.1387, 19.2005, 6.1993

Protanopia

17.7744, 19.3807, 7.9583

Deuteranopia

19.6277, 19.3180, 5.9431



Tritanopia

27.5476, 19.1431, 13.0695

Trichromacy



Original Color

26.1387, 19.2005, 6.1993

Protanomaly

20.0992, 18.6963, 7.2520

Deuteranomaly

21.7543, 19.0985, 6.0298

Tritanomaly

26.8796, 19.1129, 10.0570

Monochromacy



Original Color

26.1387, 19.2005, 6.1993

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.2570, 17.8015, 13.4874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1387, 19.2005, 6.1993 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(191, 93, 57)` looks like.

```
.text, #text, p{  
    color:rgb(191, 93, 57)  
}
```

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(191, 93, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 93, 57) }
```

Border

The CSS property to change the border of an element to XYZ 26.1387, 19.2005, 6.1993 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(191, 93, 57) }
```


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

```
.border{ border-color:rgb(191, 93, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 93, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 93, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 93, 57);  
box-shadow:4px 4px 4px 4px rgb(191, 93,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1387, 19.2005, 6.1993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 93, 57) }
```

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

```
.background{ background-color: rgb(191, 93,  
57) }
```

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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