

Converting Colors

XYZ(25.8112, 19.1292, 6.5327)

Have a look what the booklet for
XYZ(25.8112, 19.1292, 6.5327)
contains.

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Color

**XYZ(25.7784, 19.1400,
6.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5E3B
RGB	189, 94, 59
RGB Percent	74%, 37%, 23%
CMY	0.2588, 0.6313, 0.7686
CMYK	0.00, 0.50, 0.69, 0.26
HSL	16°, 52%, 49%
HSV	16°, 69%, 74%
XYZ	25.7784, 19.1400, 6.4734
YIQ	118.4150, 67.8550, 9.2550

Conversions

Conversions Part 2

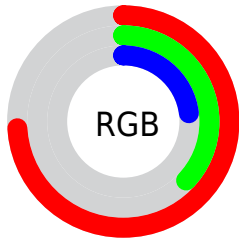
Format	Color
RYB	189, 107, 59
Decimal	12410427
CIELab	50.85, 35.50, 37.20
CIElCh	51, 51.422, 46.340
Yxy	19.1400, 0.5016, 0.3724
Android (android.graphics.Color)	4290600507 (0xFFBD5E3B)
YUV	118.4150, -29.2916, 61.9030
Hunter-Lab	43.7493, 28.6163, 21.8516

Details

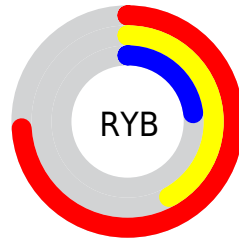
The XYZ color **25.7784, 19.1400, 6.4734** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.5437, 27.7134, 52.3049**, and the grayscale version is **17.4250, 18.3324, 19.9640**.

A 20% lighter version of the original color is **52.4100, 41.9645, 19.5250**, and **10.1792, 6.5762, 1.1136** is the 20% darker color. If you saturate the color by 10%, you get **24.2539, 16.7386, 3.9691**, and if you desaturate by 10%, it is **27.7010, 22.0539, 9.9860**.

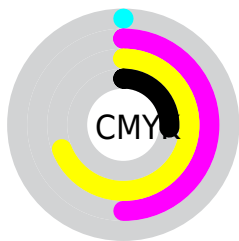
Distribution



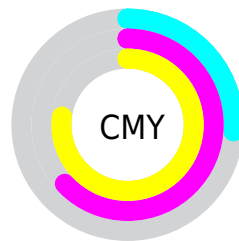
- Red (74%)
- Green (37%)
- Blue (23%)



- Red (74%)
- Yellow (42%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (26%)





- Cyan (26%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7784, 19.1400, 6.4734 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 25.7784, 19.1400, 6.4734 by changing the saturation by 10% instead.


 25.7784, 19.1400,
6.4734


 25.7784, 19.1400,
6.4734


273.9693,
247.2206, 172.6748


 16.7897, 11.7715,
3.0616


 52.3511, 41.9705,
19.4002


 10.1791, 6.5883,
1.1262


 70.6658, 58.2013,
29.7523

 5.5810, 3.2060,
0.0000

 92.8200, 78.1550,
43.2550

 2.6303, 1.2402,
0.0000

 119.1789,
102.2160, 60.3266

 0.9614, 0.0942,
0.0000

 150.1079,
130.7686, 81.3859

 0.0000, 0.0000,
0.0000

 185.9724,

164.1973, 106.8514

227.1377,
202.8865, 137.1415

■ 25.7784, 19.1400,
6.4734

■ 25.7784, 19.1400,
6.4734

■ 24.2539, 16.7386,
3.9691

■ 27.7010, 22.0539,
9.9860

■ 23.0941, 14.8152,
2.3617

■ 30.0484, 25.5059,
14.6001

■ 22.2525, 13.3313,
1.4665

■ 32.8464, 29.5233,
20.3993

■ 22.1653, 13.1770,
1.3752

■ 36.1182, 34.1306,
27.4589

■ 39.8852, 39.3509,
35.8477

■ 44.1677, 45.2059,
45.6296

■ 48.9846, 51.7163,
56.8645

■ 54.3540, 58.9019,
69.6085

■ 60.2930, 66.7815,
83.9149

Harmonies

Analogous

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



29.2300, 19.1400, 13.9368



25.7784, 19.1400, 6.4734



20.5904, 19.1400, 3.7884

Triad

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



25.7784, 19.1400, 6.4734



10.2743, 19.1400, 14.9225



21.0718, 19.1400, 60.7014

Complementary

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



25.7784, 19.1400, 6.4734



22.5437, 27.7134, 52.3049

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.



15.9874, 19.1400, 61.3924



25.7784, 19.1400, 6.4734



10.3550, 19.1400, 29.7134

Square

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



25.7784, 19.1400, 6.4734



12.0166, 19.1400, 6.9056



12.2624, 19.1400, 48.2330



26.1867, 19.1400, 46.6374

Rectangle

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



25.7784, 19.1400, 6.4734



17.1376, 19.1400, 3.5933



12.2624, 19.1400, 48.2330



19.2888, 19.1400, 62.6722

Sweetspot

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



25.7788, 19.1410, 6.4737



69.6256, 67.9838, 60.1342



28.4107, 16.2910, 32.3647



14.5668, 14.0580, 12.0251



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.7788, 19.1410, 6.4737



42.2104, 27.9666, 5.3280



34.1165, 35.8163, 9.2529



9.7336, 9.9432, 9.9828



14.9686, 8.9760, 0.9436



0.6425, 0.4640, 0.0557

Inverse Universe

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



22.5437, 27.7134, 52.3049



35.8227, 43.9297, 92.8174



14.5892, 11.8044, 49.6534



9.5854, 10.3631, 12.1673



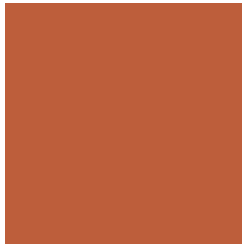
12.3713, 14.8543, 34.6080



0.5359, 0.6845, 1.3727

Previews

White Background



This preview shows how the XYZ color 25.7784, 19.1400, 6.4734 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 25.7784, 19.1400, 6.4734 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 25.7784, 19.1400, 6.4734

Background



This preview shows how black text looks on a background with the XYZ color 25.7784, 19.1400, 6.4734.



This preview shows how white text looks on a background with the XYZ color 25.7784, 19.1400,

6.4734.

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

25.7784, 19.1400, 6.4734

Protanopia

17.8344, 19.4048, 8.2744

Deuteranopia

19.6737, 19.3364, 6.1854



Tritanopia

27.2533, 19.2332, 13.3423

Trichromacy



Original Color

25.7784, 19.1400, 6.4734

Protanomaly

20.0747, 18.8400, 7.5795

Deuteranomaly

21.5934, 19.0100, 6.2726

Tritanomaly

26.5376, 19.0539, 10.4627

Monochromacy



Original Color

25.7784, 19.1400, 6.4734

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1279, 17.7296, 13.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7784, 19.1400, 6.4734 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(189, 94, 59)` looks like.

```
.text, #text, p{  
    color:rgb(189, 94, 59)  
}
```

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(189, 94, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 94, 59) }
```

Border

The CSS property to change the border of an element to XYZ 25.7784, 19.1400, 6.4734 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(189, 94, 59) }
```


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

```
.border{ border-color:rgb(189, 94, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 94, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 94, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 94, 59);  
box-shadow:4px 4px 4px 4px rgb(189, 94,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7784, 19.1400, 6.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 94, 59) }
```

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

```
.background{ background-color: rgb(189, 94,  
59) }
```

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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