

Converting Colors

XYZ(26.4047, 18.3380, 6.5225)

Have a look what the booklet for
XYZ(26.4047, 18.3380, 6.5225)
contains.

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Color

**XYZ(26.3389, 18.3033,
6.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	C2553D
RGB	194, 85, 61
RGB Percent	76%, 33%, 24%
CMY	0.2392, 0.6666, 0.7608
CMYK	0.00, 0.56, 0.69, 0.24
HSL	11°, 52%, 50%
HSV	11°, 69%, 76%
XYZ	26.3389, 18.3033, 6.5595
YIQ	114.8550, 72.6680, 15.6440

Conversions

Conversions Part 2

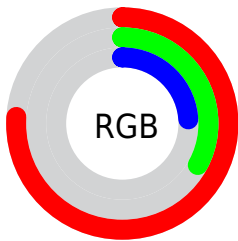
Format	Color
RYB	194, 90, 61
Decimal	12735805
CIELab	49.86, 42.09, 35.15
CIELCh	50, 54.839, 39.866
Yxy	18.3033, 0.5144, 0.3575
Android (android.graphics.Color)	4290925885 (0xFFC2553D)
YUV	114.8550, -26.5505, 69.4102
Hunter-Lab	42.7824, 35.0242, 20.8572

Details

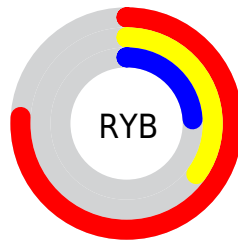
The XYZ color **26.3389, 18.3033, 6.5595** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **26.0353, 33.6337, 56.1582**, and the grayscale version is **16.3149, 17.1646, 18.6922**.

A 20% lighter version of the original color is **53.0888, 40.5411, 19.4951**, and **10.4765, 6.1965, 1.1742** is the 20% darker color. If you saturate the color by 10%, you get **24.7936, 15.9032, 3.9161**, and if you desaturate by 10%, it is **28.3552, 21.3434, 10.2924**.

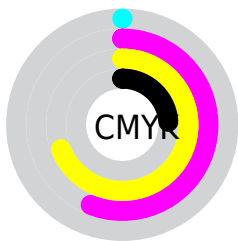
Distribution



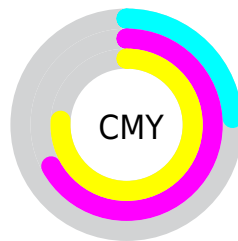
- Red (76%)
- Green (33%)
- Blue (24%)



- Red (76%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3389, 18.3033, 6.5595 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 26.3389, 18.3033, 6.5595 by changing the saturation by 10% instead.


 26.3389, 18.3033,
6.5595


 26.3389, 18.3033,
6.5595


276.6681,
242.5751, 173.4412


 17.2114, 11.1680,
3.1139


 53.2486, 40.5535,
19.5789


 10.4815, 6.1799,
1.1531


 71.7614, 56.4371,
29.9899


 5.7841, 2.9548,
0.0000

 94.1334, 76.0056,
43.5598

 2.7536, 1.1082,
0.0000

 120.7299, 99.6433,
60.7071

 1.0249, 0.0000,
0.0000

 151.9163,
127.7348, 81.8503

 0.0000, 0.0000,
0.0000

 188.0579,

160.6643, 107.4080

229.5200,
198.8163, 137.7988

■ 26.3389, 18.3033,
6.5595

■ 26.3389, 18.3033,
6.5595

■ 24.7936, 15.9032,
3.9161

■ 28.3552, 21.3434,
10.2924

■ 23.6774, 14.0934,
2.2416

■ 30.8770, 25.0623,
15.2161

■ 22.9346, 12.8181,
1.3458

■ 33.9365, 29.4995,
21.4212

■ 22.8495, 12.6723,
1.2417

■ 37.5632, 34.6902,
28.9893

■ 41.7843, 40.6674,
37.9952

■ 46.6251, 47.4623,
48.5081

■ 52.1095, 55.1041,
60.5929

■ 58.2601, 63.6208,
74.3107

■ 65.0985, 73.0389,
89.7193

Harmonies

Analogous

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



29.3396, 18.3033, 15.3799



26.3389, 18.3033, 6.5595



21.1028, 18.3033, 3.2542

Triad

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



26.3389, 18.3033, 6.5595



9.5441, 18.3033, 11.5512



19.1820, 18.3033, 64.0563

Complementary

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



26.3389, 18.3033, 6.5595



26.0353, 33.6337, 56.1582

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.



14.1521, 18.3033, 61.1876



26.3389, 18.3033, 6.5595



9.2345, 18.3033, 25.2973

Square

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



26.3389, 18.3033, 6.5595



11.7015, 18.3033, 4.9673



10.7492, 18.3033, 44.7573



24.6923, 18.3033, 51.3202

Rectangle

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



26.3389, 18.3033, 6.5595



17.4203, 18.3033, 2.7551



10.7492, 18.3033, 44.7573



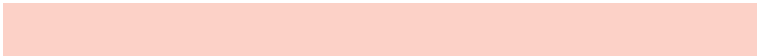
17.3732, 18.3033, 64.9907

Sweetspot

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



26.3393, 18.3043, 6.5598



73.4692, 70.5266, 64.0391



31.3470, 17.7789, 40.7251



15.6117, 14.7692, 13.0039



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.



26.3393, 18.3043, 6.5598



43.8688, 27.1295, 5.4517



33.9434, 33.5125, 9.0945



10.2170, 10.3654, 10.5241



15.0668, 8.4194, 0.8310



0.6970, 0.4557, 0.0512

Inverse Universe

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



26.0353, 33.6337, 56.1582



43.0657, 56.2685, 101.0609



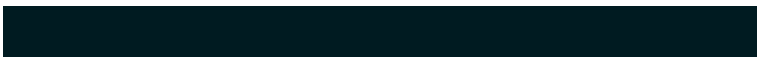
16.7476, 15.0583, 53.0623



10.2089, 11.1092, 12.8910



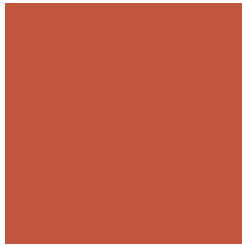
14.6063, 18.9692, 36.4482



0.6724, 0.9022, 1.5886

Previews

White Background



This preview shows how the XYZ color 26.3389, 18.3033, 6.5595 looks on a white 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

Black Background



This preview shows how the XYZ color 26.3389, 18.3033, 6.5595 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 26.3389, 18.3033, 6.5595

Background



This preview shows how black text looks on a background with the XYZ color 26.3389, 18.3033, 6.5595.



This preview shows how white text looks on a background with the XYZ color 26.3389, 18.3033,

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

26.3389, 18.3033, 6.5595

Protanopia

17.0053, 18.4205, 8.9626

Deuteranopia

18.6273, 18.2891, 6.1628



Tritanopia

27.2433, 18.3248, 11.1180

Trichromacy



Original Color

26.3389, 18.3033, 6.5595

Protanomaly

19.4687, 17.7174, 8.0239

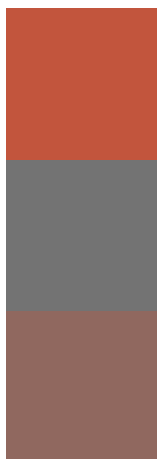
Deuteranomaly

20.8986, 17.8884, 6.2222

Tritanomaly

26.9741, 18.3387, 9.3258

Monochromacy



Original Color

26.3389, 18.3033, 6.5595

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.5175, 16.6561, 13.0655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3389, 18.3033, 6.5595 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, 85, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 85, 61)  
}
```

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, 85, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 85, 61) }
```

Border

The CSS property to change the border of an element to XYZ 26.3389, 18.3033, 6.5595 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, 85, 61) }
```


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

```
.border{ border-color:rgb(194, 85, 61) }
```

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

Here you see how a box with a 4 pixel rgb(194, 85, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 85, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 85, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 85,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3389, 18.3033, 6.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 85, 61) }
```

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

```
.background{ background-color: rgb(194, 85,  
61) }
```

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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