

Converting Colors

XYZ(26.5488, 18.9192, 6.2742)

Have a look what the booklet for
XYZ(26.5488, 18.9192, 6.2742)
contains.

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Color

**XYZ(26.5842, 18.9196,
6.2537)**

Conversions

Conversions Part 1

Format	Color
Hex	C2593A
RGB	194, 89, 58
RGB Percent	76%, 35%, 23%
CMY	0.2392, 0.6510, 0.7725
CMYK	0.00, 0.54, 0.70, 0.24
HSL	14°, 54%, 49%
HSV	14°, 70%, 76%
XYZ	26.5842, 18.9196, 6.2537
YIQ	116.8610, 72.5310, 12.6190

Conversions

Conversions Part 2

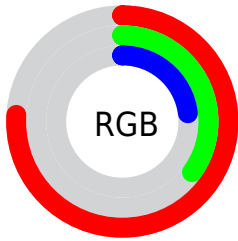
Format	Color
R_{YB}	194, 98, 58
Decimal	12736826
CIE Lab	50.59, 39.95, 37.65
CIE LCh	51, 54.895, 43.303
Yxy	18.9196, 0.5136, 0.3655
Android (android.graphics.Color)	4290926906 (0xFFC2593A)
YUV	116.8610, -29.0185, 67.6509
Hunter-Lab	43.4967, 32.9761, 21.9233

Details

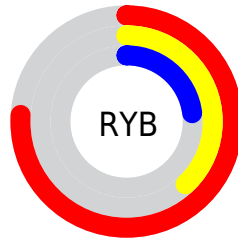
The XYZ color **26.5842, 18.9196, 6.2537** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **24.5785, 30.9866, 55.7241**, and the grayscale version is **16.9374, 17.8195, 19.4054**.

A 20% lighter version of the original color is **53.5145, 41.6466, 18.8537**, and **10.5973, 6.4836, 1.0737** is the 20% darker color. If you saturate the color by 10%, you get **25.0583, 16.5146, 3.7519**, and if you desaturate by 10%, it is **28.5504, 21.9081, 9.8196**.

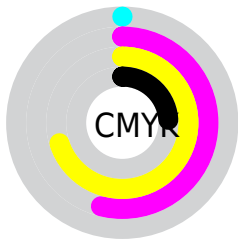
Distribution



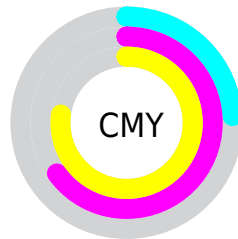
- Red (76%)
- Green (35%)
- Blue (23%)



- Red (76%)
- Yellow (38%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5842, 18.9196, 6.2537 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 26.5842, 18.9196, 6.2537 by changing the saturation by 10% instead.

 26.5842, 18.9196,
6.2537


 26.5842, 18.9196,
6.2537


277.8426,
246.0046, 170.6984


 17.3962, 11.6122,
2.9287


 53.6405, 41.5982,
18.9419


 10.6144, 6.4802,
1.0583


 72.2395, 57.7382,
29.1422

 5.8736, 3.1392,
0.0000

 94.7062, 77.5912,
42.4713

 2.8083, 1.2048,
0.0000

 121.4060,
101.5415, 59.3478

 1.0532, 0.0656,
0.0000

 152.7041,
129.9736, 80.1903

 0.0000, 0.0000,
0.0000

 188.9661,

163.2719, 105.4171

230.5571,
201.8207, 135.4470

■ 26.5842, 18.9196,
6.2537

■ 26.5842, 18.9196,
6.2537

■ 25.0583, 16.5146,
3.7519

■ 28.5504, 21.9081,
9.8196

■ 23.9339, 14.6503,
2.1915

■ 30.9885, 25.5129,
14.5519

■ 23.1572, 13.2877,
1.3443

■ 33.9285, 29.7679,
20.5419

■ 37.3975, 34.7034,
27.8715

■ 41.4205, 40.3480,
36.6155

■ 46.0209, 46.7285,
46.8434

■ 51.2206, 53.8703,
58.6200

■ 57.0407, 61.7976,
72.0061

■ 63.5008, 70.5334,
87.0593

Harmonies

Analogous

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



30.0075, 18.9196, 14.5218



26.5842, 18.9196, 6.2537



21.1126, 18.9196, 3.2808

Triad

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



26.5842, 18.9196, 6.2537



9.8000, 18.9196, 13.2236



20.4625, 18.9196, 64.8096

Complementary

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



26.5842, 18.9196, 6.2537



24.5785, 30.9866, 55.7241

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.



15.1782, 18.9196, 63.8419



26.5842, 18.9196, 6.2537



9.6948, 18.9196, 28.1747

Square

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



26.5842, 18.9196, 6.2537



11.7939, 18.9196, 5.7113



11.4708, 18.9196, 48.2377



26.0274, 18.9196, 50.4528

Rectangle

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



26.5842, 18.9196, 6.2537



17.3946, 18.9196, 2.9416



11.4708, 18.9196, 48.2377



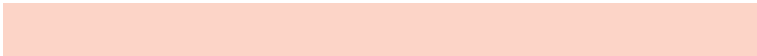
18.5835, 18.9196, 66.4197

Sweetspot

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



26.5846, 18.9206, 6.2540



74.0917, 71.7717, 64.2466



30.5101, 17.1951, 37.0858



15.7607, 15.0672, 13.0536



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.



26.5846, 18.9206, 6.2540



44.2484, 28.0367, 5.1221



34.8108, 35.3730, 8.9961



10.2554, 10.4422, 10.5369



15.2775, 8.8407, 0.9012



0.7140, 0.4899, 0.0569

Inverse Universe

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



24.5785, 30.9866, 55.7241



40.1500, 50.7508, 100.1496



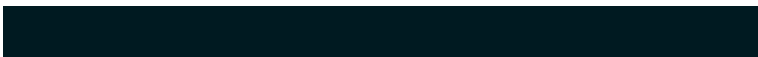
15.7143, 13.2581, 52.7693



10.1675, 11.0264, 12.8772



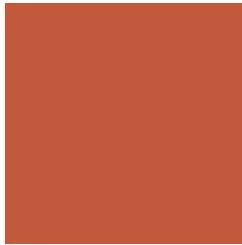
13.6128, 16.9822, 36.1170



0.6370, 0.8315, 1.5768

Previews

White Background



This preview shows how the XYZ color 26.5842, 18.9196, 6.2537 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 26.5842, 18.9196, 6.2537 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 26.5842, 18.9196, 6.2537

Background



This preview shows how black text looks on a background with the XYZ color 26.5842, 18.9196, 6.2537.



This preview shows how white text looks on a background with the XYZ color 26.5842, 18.9196,

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

26.5842, 18.9196, 6.2537

Protanopia

17.5844, 19.0910, 8.3883

Deuteranopia

19.3282, 18.9934, 5.8962



Tritanopia

27.9018, 18.9881, 12.0920

Trichromacy



Original Color

26.5842, 18.9196, 6.2537

Protanomaly

19.9403, 18.2875, 7.4799

Deuteranomaly

21.5458, 18.6814, 5.9603

Tritanomaly

27.2447, 18.8222, 9.5942

Monochromacy



Original Color

26.5842, 18.9196, 6.2537

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.0461, 17.3797, 13.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5842, 18.9196, 6.2537 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, 89, 58)` looks like.

```
.text, #text, p{  
    color:rgb(194, 89, 58)  
}
```

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, 89, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 89, 58) }
```

Border

The CSS property to change the border of an element to XYZ 26.5842, 18.9196, 6.2537 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, 89, 58) }
```


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

```
.border{ border-color:rgb(194, 89, 58) }
```

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

Here you see how a box with a 4 pixel rgb(194, 89, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 89, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 89, 58);  
box-shadow:4px 4px 4px 4px rgb(194, 89,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5842, 18.9196, 6.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 89, 58) }
```

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

```
.background{ background-color: rgb(194, 89,  
58) }
```

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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