

Converting Colors

XYZ(27.6189, 27.2551, 6.1880)

Have a look what the booklet for
XYZ(27.6189, 27.2551, 6.1880)
contains.

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Color

**XYZ(27.6189, 27.2551,
6.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	B2882C
RGB	178, 136, 44
RGB Percent	70%, 53%, 17%
CMY	0.3020, 0.4666, 0.8274
CMYK	0.00, 0.24, 0.75, 0.30
HSL	41°, 60%, 44%
HSV	41°, 75%, 70%
XYZ	27.6189, 27.2551, 6.1880
YIQ	138.0700, 54.5640, -19.7080

Conversions

Conversions Part 2

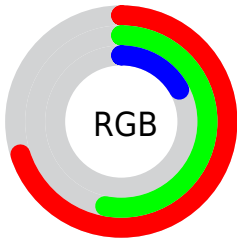
Format	Color
R _Y B	105, 178, 44
Decimal	11700268
CIE Lab	59.21, 7.00, 52.78
CIE LCh	59, 53.239, 82.449
Yxy	27.2551, 0.4523, 0.4464
Android (android.graphics.Color)	4289890348 (0xFFB2882C)
YUV	138.0700, -46.3765, 35.0186
Hunter-Lab	52.2064, 3.0711, 29.5169

Details

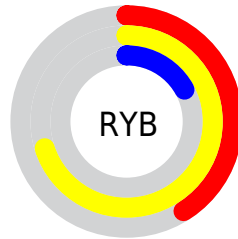
The XYZ color **27.6189, 27.2551, 6.1880** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.4024, 10.4052, 43.4740**, and the grayscale version is **24.3418, 25.6094, 27.8887**.

A 20% lighter version of the original color is **55.2340, 55.2442, 18.8184**, and **11.2934, 10.8813, 1.5051** is the 20% darker color. If you saturate the color by 10%, you get **26.5882, 25.6193, 4.5329**, and if you desaturate by 10%, it is **28.8352, 29.0328, 8.6133**.

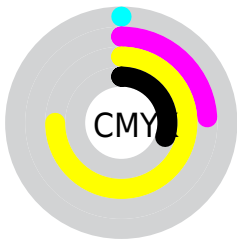
Distribution



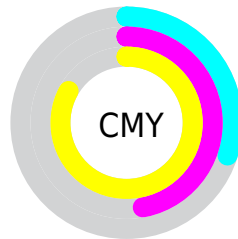
- Red (70%)
- Green (53%)
- Blue (17%)



- Red (41%)
- Yellow (70%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6189, 27.2551, 6.1880 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 27.6189, 27.2551, 6.1880 by changing the saturation by 10% instead.


 27.6189, 27.2551,
6.1880


 27.6189, 27.2551,
6.1880


282.7546,
288.8902, 170.1014


 18.1776, 17.7649,
2.8891


 55.2883, 55.2930,
18.8042

 11.1780, 10.7813,
1.0383


 74.2471, 74.6094,
28.9587

 6.2549, 5.9200,
0.0000


 97.1091, 97.9700,
42.2353

 3.0428, 2.7965,
0.0000

 124.2397,
125.7593, 59.0528

 1.1764, 1.0264,
0.0000

 156.0042,
158.3615, 79.8296

 0.0876, 0.0000,
0.0000

 192.7679,

 0.0000, 0.0000,

196.1612, 104.9843

0.0000

234.8963,
239.5426, 134.9354

■ 27.6189, 27.2551,
6.1880

■ 27.6189, 27.2551,
6.1880

■ 26.5882, 25.6193,
4.5329

■ 28.8352, 29.0328,
8.6133

■ 25.7204, 24.1120,
3.5398

■ 30.2523, 30.9561,
11.8935

■ 25.3458, 23.4366,
3.1878

■ 31.8853, 33.0331,
16.1036

■ 33.7476, 35.2701,
21.3102

■ 35.8510, 37.6728,
27.5735

■ 38.2067, 40.2464,
34.9491

■ 40.8249, 42.9959,
43.4885

■ 43.7153, 45.9261,
53.2400

■ 46.8871, 49.0415,
64.2493

Harmonies

Analogous

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



34.4885, 27.2551, 9.1064



27.6189, 27.2551, 6.1880



21.3308, 27.2551, 7.0912

Triad

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



27.6189, 27.2551, 6.1880



15.8091, 27.2551, 45.9365



37.3984, 27.2551, 57.9936

Complementary

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



27.6189, 27.2551, 6.1880



12.4024, 10.4052, 43.4740

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.



31.0908, 27.2551, 77.8994



27.6189, 27.2551, 6.1880



18.8790, 27.2551, 69.1114

Square

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



27.6189, 27.2551, 6.1880



15.2008, 27.2551, 25.1271



24.2638, 27.2551, 82.6607



40.7292, 27.2551, 34.7436

Rectangle

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



27.6189, 27.2551, 6.1880



18.2105, 27.2551, 10.0506



24.2638, 27.2551, 82.6607



35.5094, 27.2551, 65.6439

Sweetspot

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



27.6195, 27.2564, 6.1885



65.7819, 69.1715, 52.3619



20.9582, 11.9455, 10.0975



14.2530, 14.9667, 10.6191



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.6195, 27.2564, 6.1885



47.1967, 44.7169, 6.9651



29.5939, 38.8371, 8.3198



8.9679, 9.4484, 9.0036



18.1934, 16.8855, 2.3003



0.6218, 0.6299, 0.0888

Inverse Universe

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



12.4024, 10.4052, 43.4740



18.4746, 13.1016, 77.9363



11.3605, 6.2655, 42.7299



8.2521, 8.6504, 10.7411



6.8047, 4.4098, 30.6295



0.2677, 0.2459, 0.9816

Previews

White Background



This preview shows how the XYZ color 27.6189, 27.2551, 6.1880 looks on a white background.

Color Contrast Check

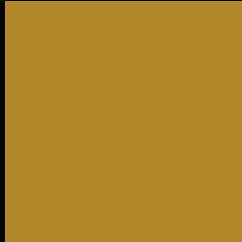
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6189, 27.2551, 6.1880 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 27.6189, 27.2551, 6.1880

Background



This preview shows how black text looks on a background with the XYZ color 27.6189, 27.2551, 6.1880.



This preview shows how white text looks on a background with the XYZ color 27.6189, 27.2551,

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

27.6189, 27.2551, 6.1880

Protanopia

24.8128, 27.3158, 6.5495

Deuteranopia

27.8492, 27.3739, 6.1987



Tritanopia

31.8719, 27.1752, 27.2324

Trichromacy



Original Color

27.6189, 27.2551, 6.1880

Protanomaly

25.7881, 27.1611, 6.3661

Deuteranomaly

27.8492, 27.3739, 6.1987

Tritanomaly

29.7222, 26.8896, 16.4556

Monochromacy



Original Color

27.6189, 27.2551, 6.1880

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5812, 25.6631, 16.7546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6189, 27.2551, 6.1880 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(178, 136, 44)` looks like.

```
.text, #text, p{  
    color:rgb(178, 136, 44)  
}
```

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(178, 136, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 136, 44) }
```

Border

The CSS property to change the border of an element to XYZ 27.6189, 27.2551, 6.1880 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(178, 136, 44) }
```


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

```
.border{ border-color:rgb(178, 136, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 136, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 136, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 136, 44);  
box-shadow:4px 4px 4px 4px rgb(178, 136,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6189, 27.2551, 6.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 136, 44) }
```

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

```
.background{ background-color: rgb(178,  
136, 44) }
```

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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