

Converting Colors

XYZ(26.6508, 25.5987, 5.4440)

Have a look what the booklet for
XYZ(26.6508, 25.5987, 5.4440)
contains.

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Color

**XYZ(26.7089, 25.5767,
5.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	B28227
RGB	178, 130, 39
RGB Percent	70%, 51%, 15%
CMY	0.3020, 0.4902, 0.8470
CMYK	0.00, 0.27, 0.78, 0.30
HSL	39°, 64%, 43%
HSV	39°, 78%, 70%
XYZ	26.7089, 25.5767, 5.4485
YIQ	133.9780, 57.8190, -18.1250

Conversions

Conversions Part 2

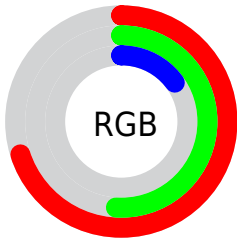
Format	Color
R_{YB}	112, 178, 39
Decimal	11698727
CIE _{Lab}	57.63, 10.11, 53.25
CIE _{LCh}	58, 54.205, 79.246
Yxy	25.5767, 0.4626, 0.4430
Android (android.graphics.Color)	4289888807 (0xFFB28227)
YUV	133.9780, -46.8242, 38.6073
Hunter-Lab	50.5734, 5.7662, 29.0138

Details

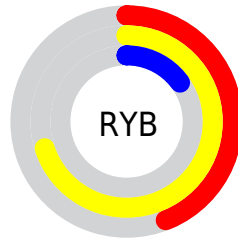
The XYZ color **26.7089, 25.5767, 5.4485** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.2806, 10.4616, 43.4912**, and the grayscale version is **22.8043, 23.9919, 26.1272**.

A 20% lighter version of the original color is **53.7469, 52.6268, 17.2228**, and **10.8276, 9.9498, 1.3498** is the 20% darker color. If you saturate the color by 10%, you get **25.6871, 23.8997, 3.9786**, and if you desaturate by 10%, it is **27.9190, 27.4093, 7.6642**.

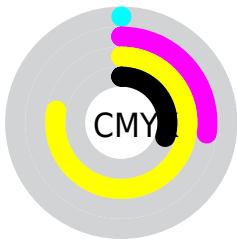
Distribution



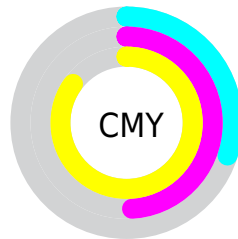
- Red (70%)
- Green (51%)
- Blue (15%)



- Red (44%)
- Yellow (70%)
- Blue (15%)



- Cyan (0%)
- Magenta (27%)
- Yellow (78%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7089, 25.5767, 5.4485 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 26.7089, 25.5767, 5.4485 by changing the saturation by 10% instead.

■ 26.7089, 25.5767,
5.4485

■ 26.7089, 25.5767,
5.4485

278.4382,
280.6979, 163.1743

■ 17.4902, 16.5072,
2.4494

■ 53.8396, 52.5913,
17.2325

■ 10.6820, 9.8838,
0.8132

■ 72.4823, 71.3052,
26.8544

■ 5.9192, 5.3220,
0.0000

■ 94.9969, 94.0026,
39.5211

■ 2.8362, 2.4374,
0.0000

■ 121.7490,
121.0681, 55.6511

■ 1.0677, 0.8450,
0.0000

■ 153.1038,
152.8860, 75.6629

■ 0.0000, 0.0000,
0.0000

■ 189.4267,

189.8407, 99.9750

231.0831,
232.3165, 129.0059

■ 26.7089, 25.5767,
5.4485

■ 26.7089, 25.5767,
5.4485

■ 25.6871, 23.8997,
3.9786

■ 27.9190, 27.4093,
7.6642

■ 24.8232, 22.3616,
3.1056

■ 29.3337, 29.4021,
10.7146

■ 24.6675, 22.0800,
2.9617

■ 30.9690, 31.5639,
14.6779

■ 32.8386, 33.9014,
19.6225

■ 34.9551, 36.4210,
25.6105

■ 37.3300, 39.1283,
32.6986

■ 39.9739, 42.0288,
40.9394

■ 42.8968, 45.1277,
50.3823

■ 46.1083, 48.4300,
61.0737

Harmonies

Analogous

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



33.3813, 25.5767, 8.6244



26.7089, 25.5767, 5.4485



20.4311, 25.5767, 5.9223

Triad

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



26.7089, 25.5767, 5.4485



14.3447, 25.5767, 41.3392



35.0185, 25.5767, 58.2296

Complementary

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



26.7089, 25.5767, 5.4485



12.2806, 10.4616, 43.4912

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.



28.6509, 25.5767, 76.9268



26.7089, 25.5767, 5.4485



17.0516, 25.5767, 64.5527

Square

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



26.7089, 25.5767, 5.4485



14.0115, 25.5767, 21.7087



22.0590, 25.5767, 79.6497



38.7146, 25.5767, 35.0493

Rectangle

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



26.7089, 25.5767, 5.4485



17.2507, 25.5767, 8.3510



22.0590, 25.5767, 79.6497



33.0719, 25.5767, 65.6158

Sweetspot

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



26.7095, 25.5780, 5.4490



65.3500, 68.3075, 52.2179



20.8326, 11.6149, 10.3009



14.1445, 14.7497, 10.5829



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.



26.7095, 25.5780, 5.4490



45.3855, 41.2192, 5.9768



30.2204, 39.1702, 7.8875



8.9451, 9.4027, 8.9960



17.7104, 15.9194, 2.1393



0.6091, 0.6046, 0.0846

Inverse Universe

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



12.2806, 10.4616, 43.4912



18.3449, 13.1066, 77.9441



10.6160, 5.6216, 42.6447



8.2739, 8.6941, 10.7484



7.0151, 4.8306, 30.6997



0.2765, 0.2635, 0.9845

Previews

White Background



This preview shows how the XYZ color 26.7089, 25.5767, 5.4485 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 26.7089, 25.5767, 5.4485 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 26.7089, 25.5767, 5.4485

Background



This preview shows how black text looks on a background with the XYZ color 26.7089, 25.5767, 5.4485.



This preview shows how white text looks on a background with the XYZ color 26.7089, 25.5767,

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

26.7089, 25.5767, 5.4485

Protanopia

23.3432, 25.6933, 5.8268

Deuteranopia

26.0567, 25.6411, 5.4096



Tritanopia

30.7013, 25.5038, 24.7773

Trichromacy



Original Color

26.7089, 25.5767, 5.4485

Protanomaly

24.4970, 25.6540, 5.6681

Deuteranomaly

26.1453, 25.4865, 5.3751

Tritanomaly

28.7037, 25.2422, 14.9147

Monochromacy



Original Color

26.7089, 25.5767, 5.4485

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2173, 24.1599, 15.2440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7089, 25.5767, 5.4485 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, 130, 39)` looks like.

```
.text, #text, p{  
    color:rgb(178, 130, 39)  
}
```

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, 130, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 130, 39) }
```

Border

The CSS property to change the border of an element to XYZ 26.7089, 25.5767, 5.4485 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, 130, 39) }
```


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

```
.border{ border-color:rgb(178, 130, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 130, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 130, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 130, 39);  
box-shadow:4px 4px 4px 4px rgb(178, 130,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7089, 25.5767, 5.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 130, 39) }
```

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

```
.background{ background-color: rgb(178,  
130, 39) }
```

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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