

Converting Colors

XYZ(27.6528, 27.9278, 5.4465)

Have a look what the booklet for
XYZ(27.6528, 27.9278, 5.4465)
contains.

XYZ(27.6528, 27.9278, 5.4465)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6528, 27.9278,
5.4465)**

Conversions

Conversions Part 1

Format	Color
Hex	B18B22
RGB	177, 139, 34
RGB Percent	69%, 55%, 13%
CMY	0.3059, 0.4549, 0.8667
CMYK	0.00, 0.21, 0.81, 0.31
HSL	44°, 68%, 41%
HSV	44°, 81%, 69%
XYZ	27.6528, 27.9278, 5.4465
YIQ	138.3920, 56.3530, -24.5990

Conversions

Conversions Part 2

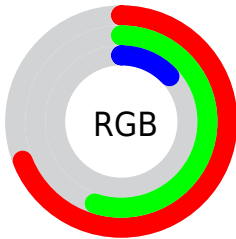
Format	Color
RYB	86, 177, 34
Decimal	11635490
CIELab	59.82, 4.49, 57.04
CIElCh	60, 57.215, 85.502
Yxy	27.9278, 0.4531, 0.4576
Android (android.graphics.Color)	4289825570 (0xFFB18B22)
YUV	138.3920, -51.4653, 33.8592
Hunter-Lab	52.8468, 0.9208, 30.8822

Details

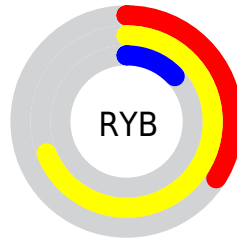
The XYZ color **27.6528, 27.9278, 5.4465** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.9129, 8.1490, 42.5924**, and the grayscale version is **24.4838, 25.7588, 28.0514**.

A 20% lighter version of the original color is **55.2032, 56.2367, 17.1778**, and **11.3181, 11.1378, 1.5533** is the 20% darker color. If you saturate the color by 10%, you get **26.7940, 26.5191, 4.2087**, and if you desaturate by 10%, it is **28.6736, 29.4504, 7.3872**.

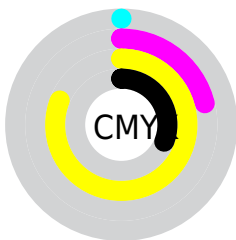
Distribution



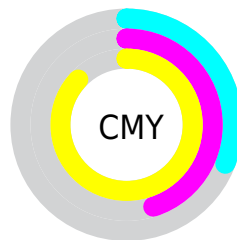
- Red (69%)
- Green (55%)
- Blue (13%)



- Red (34%)
- Yellow (69%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (81%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6528, 27.9278, 5.4465 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 27.6528, 27.9278, 5.4465 by changing the saturation by 10% instead.

■ 27.6528, 27.9278,
5.4465

■ 27.6528, 27.9278,
5.4465

282.9144,
292.1218, 163.1550

■ 18.2032, 18.2712,
2.4483

■ 55.3422, 56.3692,
17.2281

■ 11.1966, 11.1449,
0.8126

■ 74.3127, 75.9227,
26.8486

■ 6.2675, 6.1644,
0.0000

■ 97.1875, 99.5441,
39.5136

■ 3.0506, 2.9453,
0.0000

■ 124.3321,
127.6177, 55.6417

■ 1.1806, 1.1032,
0.0000

■ 156.1117,
160.5278, 75.6513

■ 0.0909, 0.0000,
0.0000

■ 192.8917,

■ 0.0000, 0.0000,

198.6590, 99.9610

0.0000

235.0375,
242.3955, 128.9894

■ 27.6528, 27.9278,
5.4465

■ 27.6528, 27.9278,
5.4465

■ 26.7940, 26.5191,
4.2087

■ 28.6736, 29.4504,
7.3872

■ 26.1099, 25.3043,
3.5081

■ 29.8725, 31.0906,
10.1228

■ 31.2657, 32.8566,
13.7331

■ 32.8667, 34.7541,
18.2877

■ 34.6875, 36.7888,
23.8491

■ 36.7395, 38.9656,
30.4744

■ 39.0330, 41.2891,
38.2166

■ 41.5775, 43.7637,
47.1248

■ 44.3822, 46.3936,
57.2454

Harmonies

Analogous

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



35.2490, 27.9278, 7.9455



27.6528, 27.9278, 5.4465



20.9833, 27.9278, 6.7333

Triad

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



27.6528, 27.9278, 5.4465



15.8454, 27.9278, 51.0413



39.7713, 27.9278, 59.0897

Complementary

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



27.6528, 27.9278, 5.4465



10.9129, 8.1490, 42.5924

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.



33.0106, 27.9278, 82.5532



27.6528, 27.9278, 5.4465



19.4058, 27.9278, 76.6091

Square

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



27.6528, 27.9278, 5.4465



14.9310, 27.9278, 27.3840



25.4663, 27.9278, 90.1035



43.0092, 27.9278, 33.6481

Rectangle

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



27.6528, 27.9278, 5.4465



17.7907, 27.9278, 10.1316



25.4663, 27.9278, 90.1035



37.7817, 27.9278, 67.8530

Sweetspot

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



27.6534, 27.9292, 5.4470



64.4199, 68.3449, 50.0560



19.8776, 10.9610, 7.2222



13.6849, 14.5182, 9.9588



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.6534, 27.9292, 5.4470



46.9510, 45.6363, 6.5318



27.4486, 37.4560, 7.2967



9.0022, 9.5170, 9.0150



18.9694, 18.4374, 2.5590



0.6416, 0.6696, 0.0954

Inverse Universe

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



10.9129, 8.1490, 42.5924



16.2492, 9.6301, 75.4977



10.8481, 5.5250, 42.0894



8.2195, 8.5853, 10.7302



6.5308, 3.8619, 30.5382



0.2545, 0.2194, 0.9772

Previews

White Background



This preview shows how the XYZ color 27.6528, 27.9278, 5.4465 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 27.6528, 27.9278, 5.4465 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 27.6528, 27.9278, 5.4465

Background



This preview shows how black text looks on a background with the XYZ color 27.6528, 27.9278, 5.4465.



This preview shows how white text looks on a background with the XYZ color 27.6528, 27.9278,

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

27.6528, 27.9278, 5.4465

Protanopia

25.3291, 28.0535, 5.6700

Deuteranopia

28.5404, 27.9578, 5.4823



Tritanopia

32.4100, 28.0197, 28.1262

Trichromacy



Original Color

27.6528, 27.9278, 5.4465

Protanomaly

26.0622, 27.9818, 5.6175

Deuteranomaly

28.2142, 28.0016, 5.5079

Tritanomaly

29.7925, 27.5384, 16.0571

Monochromacy



Original Color

27.6528, 27.9278, 5.4465

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3376, 25.7725, 15.7484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6528, 27.9278, 5.4465 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(177, 139, 34)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 34)  
}
```

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(177, 139, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 34) }
```

Border

The CSS property to change the border of an element to XYZ 27.6528, 27.9278, 5.4465 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(177, 139, 34) }
```


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

```
.border{ border-color:rgb(177, 139, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 139, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 139, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 139, 34);  
box-shadow:4px 4px 4px 4px rgb(177, 139,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6528, 27.9278, 5.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 34) }
```

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

```
.background{ background-color: rgb(177,  
139, 34) }
```

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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