

Converting Colors

XYZ(25.8043, 17.2177, 27.5545)

Have a look what the booklet for
XYZ(25.8043, 17.2177, 27.5545)
contains.

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Color

**XYZ(25.8043, 17.2177,
27.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	B0528E
RGB	176, 82, 142
RGB Percent	69%, 32%, 56%
CMY	0.3098, 0.6784, 0.4431
CMYK	0.00, 0.53, 0.19, 0.31
HSL	322°, 37%, 51%
HSV	322°, 53%, 69%
XYZ	25.8043, 17.2177, 27.5545
YIQ	116.9460, 36.7640, 38.5880

Conversions

Conversions Part 2

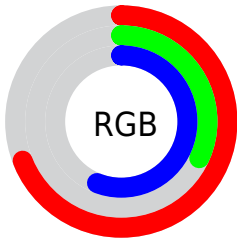
Format	Color
R_{YB}	176, 82, 142
Decimal	11555470
CIE _{Lab}	48.53, 45.60, -15.24
CIE _{LCh}	49, 48.078, 341.518
Yxy	17.2177, 0.3656, 0.2440
Android (android.graphics.Color)	4289745550 (0xFFB0528E)
YUV	116.9460, 12.3516, 51.7904
Hunter-Lab	41.4942, 38.3902, -10.3260

Details

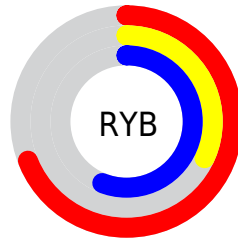
The XYZ color **25.8043, 17.2177, 27.5545** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.1583, 34.1060, 21.9398**, and the grayscale version is **16.8474, 17.7248, 19.3023**.

A 20% lighter version of the original color is **52.5595, 38.8059, 56.9447**, and **10.2322, 5.6682, 10.6800** is the 20% darker color. If you saturate the color by 10%, you get **24.1789, 14.7100, 24.7214**, and if you desaturate by 10%, it is **27.7984, 20.4187, 30.6455**.

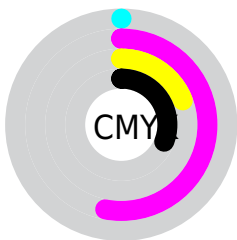
Distribution



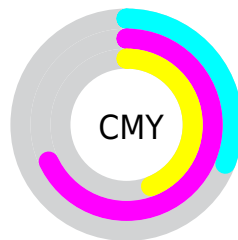
- Red (69%)
- Green (32%)
- Blue (56%)



- Red (69%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (53%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8043, 17.2177, 27.5545 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 25.8043, 17.2177, 27.5545 by changing the saturation by 10% instead.

■ 25.8043, 17.2177,
27.5545

■ 25.8043, 17.2177,
27.5545

274.0944,
236.4238, 304.1767

■ 16.8092, 10.3898,
17.7540

■ 52.3926, 38.6997,
56.7869

■ 10.1930, 5.6582,
10.6059

■ 70.7166, 54.1226,
77.0559

■ 5.5904, 2.6384,
5.6917

■ 92.8808, 73.1793,
101.6514

■ 2.6359, 0.9460,
2.5928

■ 119.2508, 96.2543,
130.9921

■ 0.9643, 0.0000,
0.8887

■ 150.1917,
123.7318, 165.4964

■ 0.0000, 0.0000,
0.0000

186.0691,

155.9963, 205.5829

227.2482,
193.4322, 251.6701

■ 25.8043, 17.2177,
27.5545

■ 25.8043, 17.2177,
27.5545

■ 24.1789, 14.7100,
24.7214

■ 27.7984, 20.4187,
30.6455

■ 22.8937, 12.8398,
22.1341

■ 30.1839, 24.3582,
34.0037

■ 21.9180, 11.5466,
19.7801

■ 32.9832, 29.0805,
37.6389

■ 21.2150, 10.7571,
17.6449

■ 36.2170, 34.6257,
41.5599

■ 20.8481, 10.4076,
16.3380

■ 39.9040, 41.0311,
45.7752

■ 44.0621, 48.3316,
50.2926

■ 48.7082, 56.5604,
55.1197

■ 53.8583, 65.7488,
60.2638

■ 59.5276, 75.9268,
65.7318

Harmonies

Analogous

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



22.6587, 17.2177, 43.4654



25.8043, 17.2177, 27.5545



26.1674, 17.2177, 14.3011

Triad

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



25.8043, 17.2177, 27.5545



14.7283, 17.2177, 3.5938



10.7981, 17.2177, 39.9107

Complementary

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



25.8043, 17.2177, 27.5545



22.1583, 34.1060, 21.9398

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.



9.3788, 17.2177, 24.0306



25.8043, 17.2177, 27.5545



11.3599, 17.2177, 5.8032

Square

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



25.8043, 17.2177, 27.5545



19.2050, 17.2177, 3.8538



9.5641, 17.2177, 12.0503



13.8196, 17.2177, 52.5323

Rectangle

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



25.8043, 17.2177, 27.5545



24.7169, 17.2177, 8.6964



9.5641, 17.2177, 12.0503



10.1446, 17.2177, 34.5376

Sweetspot

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



25.8048, 17.2185, 27.5548



63.9171, 59.7522, 73.2779



17.9118, 12.8083, 42.6028



13.5938, 12.5061, 15.5698



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.



25.8048, 17.2185, 27.5548



43.4103, 26.0182, 44.0008



23.0384, 16.1120, 12.9872



8.7170, 8.5935, 10.0080



15.3253, 7.6477, 12.1389



0.5089, 0.2513, 0.5228

Inverse Universe

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



25.8048, 17.2185, 27.5548



43.4103, 26.0182, 44.0008



25.5184, 35.4501, 39.6340



8.7170, 8.5935, 10.0080



15.3253, 7.6477, 12.1389



0.5089, 0.2513, 0.5228

Previews

White Background



This preview shows how the XYZ color 25.8043, 17.2177, 27.5545 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 25.8043, 17.2177, 27.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

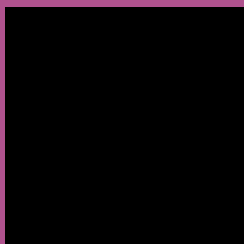
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8043, 17.2177, 27.5545

Background



This preview shows how black text looks on a background with the XYZ color 25.8043, 17.2177, 27.5545.



This preview shows how white text looks on a background with the XYZ color 25.8043, 17.2177,

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

25.8043, 17.2177, 27.5545

Protanopia

18.1558, 17.4971, 38.4968

Deuteranopia

17.7566, 17.3983, 26.0892



Tritanopia

23.0450, 17.3068, 13.6812

Trichromacy



Original Color

25.8043, 17.2177, 27.5545

Protanomaly

19.7393, 16.5263, 34.0478

Deuteranomaly

19.8928, 16.7701, 26.6146

Tritanomaly

23.7606, 17.0786, 17.9638

Monochromacy



Original Color

25.8043, 17.2177, 27.5545

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.1974, 16.8103, 21.9716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8043, 17.2177, 27.5545 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(176, 82, 142)` looks like.

```
.text, #text, p{  
    color:rgb(176, 82, 142)  
}
```

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(176, 82, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 82, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.8043, 17.2177, 27.5545 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(176, 82, 142) }
```


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

```
.border{ border-color:rgb(176, 82, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 82, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 82, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 82, 142);  
box-shadow:4px 4px 4px 4px rgb(176, 82,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8043, 17.2177, 27.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 82, 142) }
```

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

```
.background{ background-color: rgb(176, 82,  
142) }
```

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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