

Converting Colors

XYZ(25.0485, 17.0539, 28.7781)

Have a look what the booklet for
XYZ(25.0485, 17.0539, 28.7781)
contains.

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Color

**XYZ(25.0757, 17.0429,
28.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5491
RGB	171, 84, 145
RGB Percent	67%, 33%, 57%
CMY	0.3294, 0.6706, 0.4314
CMYK	0.00, 0.51, 0.15, 0.33
HSL	318°, 34%, 50%
HSV	318°, 51%, 67%
XYZ	25.0757, 17.0429, 28.7560
YIQ	116.9670, 32.2710, 37.4150

Conversions

Conversions Part 2

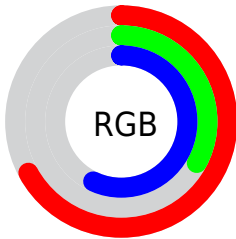
Format	Color
RYB	171, 84, 145
Decimal	11228305
CIELab	48.31, 43.47, -17.43
CIELCh	48, 46.831, 338.148
Yxy	17.0429, 0.3538, 0.2405
Android (android.graphics.Color)	4289418385 (0xFFAB5491)
YUV	116.9670, 13.8203, 47.3869
Hunter-Lab	41.2830, 36.1772, -12.4007

Details

The XYZ color **25.0757, 17.0429, 28.7560** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.0343, 32.1369, 19.8476**, and the grayscale version is **16.8504, 17.7280, 19.3058**.

A 20% lighter version of the original color is **51.2494, 38.5088, 58.7646**, and **9.7394, 5.5542, 11.1484** is the 20% darker color. If you saturate the color by 10%, you get **23.5217, 14.5512, 26.3373**, and if you desaturate by 10%, it is **26.9725, 20.1913, 31.3768**.

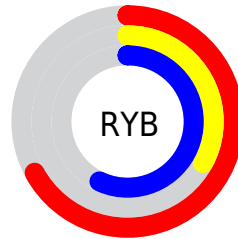
Distribution



Red (67%)

Green (33%)

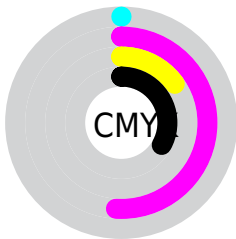
Blue (57%)



Red (67%)

Yellow (33%)

Blue (57%)

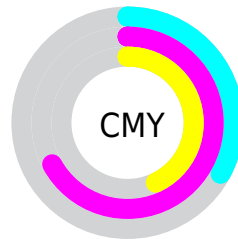


Cyan (0%)

Magenta (51%)

Yellow (15%)

Black (33%)



Cyan (33%)


Magenta (67%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0757, 17.0429, 28.7560 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 25.0757, 17.0429, 28.7560 by changing the saturation by 10% instead.


 25.0757, 17.0429,
28.7560


 25.0757, 17.0429,
28.7560


270.5554,
235.4195, 310.0868


 16.2625, 10.2651,
18.6523


 51.2220, 38.3995,
58.7267


 9.8021, 5.5751,
11.2451


 69.2858, 53.7471,
79.4309


 5.3292, 2.5885,
6.1157

 91.1639, 72.7201,
104.5056

 2.4784, 0.9209,
2.8456

 117.2216, 95.7028,
134.3695

 0.8844, 0.0000,
1.0164

 147.8242,
123.0798, 169.4410

 0.0000, 0.0000,
0.0000

183.3371,

155.2352, 210.1387

224.1258,
192.5537, 256.8811

■ 25.0757, 17.0429,
28.7560

■ 25.0757, 17.0429,
28.7560

■ 23.5217, 14.5512,
26.3373

■ 26.9725, 20.1913,
31.3768

■ 22.2846, 12.6656,
24.1104

■ 29.2323, 24.0372,
34.2070

■ 21.3374, 11.3322,
22.0654

■ 31.8755, 28.6208,
37.2547

■ 20.6476, 10.4863,
20.1901

■ 34.9207, 33.9789,
40.5271

■ 20.1784, 10.0115,
18.6046

■ 38.3850, 40.1454,
44.0310

■ 42.2846, 47.1526,
47.7730

■ 46.6349, 55.0306,
51.7590

■ 51.4504, 63.8083,
55.9950

■ 56.7451, 73.5132,
60.4865

Harmonies

Analogous

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



21.8174, 17.0429, 43.8680



25.0757, 17.0429, 28.7560



25.7603, 17.0429, 15.4200

Triad

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



25.0757, 17.0429, 28.7560



15.0629, 17.0429, 3.6568



10.5623, 17.0429, 37.1980

Complementary

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



25.0757, 17.0429, 28.7560



21.0343, 32.1369, 19.8476

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.



9.3553, 17.0429, 22.0925



25.0757, 17.0429, 28.7560



11.6385, 17.0429, 5.5280

Square

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



25.0757, 17.0429, 28.7560



19.4507, 17.0429, 4.1709



9.7113, 17.0429, 11.1091



13.3312, 17.0429, 50.0511

Rectangle

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



25.0757, 17.0429, 28.7560



24.5692, 17.0429, 9.5283



9.7113, 17.0429, 11.1091



9.9848, 17.0429, 32.0051

Sweetspot

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



25.0762, 17.0437, 28.7563



60.0557, 56.4661, 69.9580



16.7856, 12.5110, 40.0584



13.1451, 12.1569, 15.3342



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.0762, 17.0437, 28.7563



41.8300, 25.5979, 46.6705



22.4062, 15.9757, 14.6962



8.2335, 8.1067, 9.5407



15.2355, 7.5567, 14.1515



0.4464, 0.2193, 0.5126

Inverse Universe

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



25.0762, 17.0437, 28.7563



41.8300, 25.5979, 46.6705



23.8995, 33.2830, 34.9354



8.2335, 8.1067, 9.5407



15.2355, 7.5567, 14.1515



0.4464, 0.2193, 0.5126

Previews

White Background



This preview shows how the XYZ color 25.0757, 17.0429, 28.7560 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 25.0757, 17.0429, 28.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

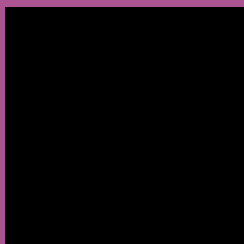
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0757, 17.0429, 28.7560

Background



This preview shows how black text looks on a background with the XYZ color 25.0757, 17.0429, 28.7560.



This preview shows how white text looks on a background with the XYZ color 25.0757, 17.0429,

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

25.0757, 17.0429, 28.7560

Protanopia

17.9172, 17.1969, 38.9342

Deuteranopia

17.5782, 17.2811, 27.2201



Tritanopia

22.0776, 17.0520, 14.4397

Trichromacy



Original Color

25.0757, 17.0429, 28.7560

Protanomaly

19.4668, 16.3659, 34.9338

Deuteranomaly

19.6255, 16.6066, 27.7622

Tritanomaly

23.0155, 16.9215, 18.8828

Monochromacy



Original Color

25.0757, 17.0429, 28.7560

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.1989, 16.9538, 22.3392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0757, 17.0429, 28.7560 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(171, 84, 145)` looks like.

```
.text, #text, p{  
    color:rgb(171, 84, 145)  
}
```

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(171, 84, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 84, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.0757, 17.0429, 28.7560 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(171, 84, 145) }
```


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

```
.border{ border-color:rgb(171, 84, 145) }
```

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

Here you see how a box with a 4 pixel rgb(171, 84, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 84, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 84, 145);  
box-shadow:4px 4px 4px 4px rgb(171, 84,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0757, 17.0429, 28.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 84, 145) }
```

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

```
.background{ background-color: rgb(171, 84,  
145) }
```

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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