

Converting Colors

XYZ(25.4867, 16.9470, 30.0638)

Have a look what the booklet for
XYZ(25.4867, 16.9470, 30.0638)
contains.

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Color

**XYZ(25.5962, 17.0569,
29.9602)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5294
RGB	173, 82, 148
RGB Percent	68%, 32%, 58%
CMY	0.3216, 0.6784, 0.4196
CMYK	0.00, 0.53, 0.14, 0.32
HSL	316°, 36%, 50%
HSV	316°, 53%, 68%
XYZ	25.5962, 17.0569, 29.9602
YIQ	116.7330, 33.0500, 39.8180

Conversions

Conversions Part 2

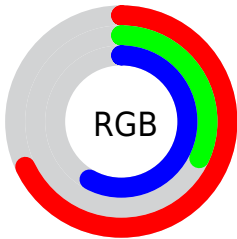
Format	Color
R_{YB}	173, 82, 148
Decimal	11358868
CIE _{Lab}	48.33, 45.59, -19.17
CIE _{LCh}	48, 49.459, 337.198
Yxy	17.0569, 0.3525, 0.2349
Android (android.graphics.Color)	4289548948 (0xFFAD5294)
YUV	116.7330, 15.4146, 49.3462
Hunter-Lab	41.3000, 38.3526, -14.1007

Details

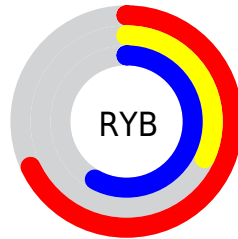
The XYZ color **25.5962, 17.0569, 29.9602** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.0779, 32.7432, 19.1204**, and the grayscale version is **16.7732, 17.6467, 19.2173**.

A 20% lighter version of the original color is **51.9578, 38.4152, 60.5535**, and **10.0682, 5.5933, 11.8582** is the 20% darker color. If you saturate the color by 10%, you get **24.0838, 14.6217, 27.6379**, and if you desaturate by 10%, it is **27.4540, 20.1576, 32.4742**.

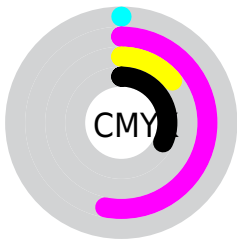
Distribution



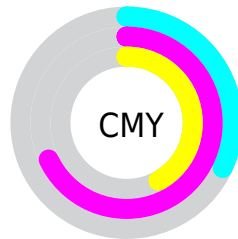
- Red (68%)
- Green (32%)
- Blue (58%)



- Red (68%)
- Yellow (32%)
- Blue (58%)



- Cyan (0%)
- Magenta (53%)
- Yellow (14%)
- Black (32%)





- Cyan (32%)
- Magenta (68%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5962, 17.0569, 29.9602 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 25.5962, 17.0569, 29.9602 by changing the saturation by 10% instead.


 25.5962, 17.0569,
29.9602


 25.5962, 17.0569,
29.9602


273.0874,
235.5001, 315.9204


 16.6529, 10.2751,
19.5566


 52.0588, 38.4236,
60.6595

 10.0811, 5.5817,
11.8923


 70.3087, 53.7772,
81.7923


 5.5154, 2.5924,
6.5487

 92.3916, 72.7569,
107.3385

 2.5906, 0.9229,
3.1074

 118.6728, 95.7471,
137.7167

 0.9412, 0.0000,
1.1497

 149.5176,
123.1321, 173.3455

 0.0000, 0.0000,
0.0000

185.2914,

155.2963, 214.6433

226.3595,
192.6242, 262.0288

■ 25.5962, 17.0569,
29.9602

■ 25.5962, 17.0569,
29.9602

■ 24.0838, 14.6217,
27.6379

■ 27.4540, 20.1576,
32.4742

■ 22.8899, 12.7992,
25.4969

■ 29.6782, 23.9666,
35.1873

■ 21.9858, 11.5322,
23.5269

■ 32.2904, 28.5260,
38.1077

■ 21.3369, 10.7519,
21.7155

■ 35.3096, 33.8740,
41.2427

■ 20.9656, 10.3771,
20.4580

■ 38.7537, 40.0459,
44.5989

■ 42.6395, 47.0752,
48.1830

■ 46.9829, 54.9932,
52.0009

■ 51.7990, 63.8299,
56.0585

■ 57.1021, 73.6137,
60.3614

Harmonies

Analogous

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



22.0427, 17.0569, 46.2236



25.5962, 17.0569, 29.9602



26.4316, 17.0569, 15.6296

Triad

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



25.5962, 17.0569, 29.9602



15.1492, 17.0569, 3.2198



10.2372, 17.0569, 38.0058

Complementary

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



25.5962, 17.0569, 29.9602



21.0779, 32.7432, 19.1204

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.



9.0386, 17.0569, 21.8624



25.5962, 17.0569, 29.9602



11.5126, 17.0569, 4.9791

Square

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



25.5962, 17.0569, 29.9602



19.8118, 17.0569, 3.7936



9.4578, 17.0569, 10.5117



13.0772, 17.0569, 52.1800

Rectangle

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



25.5962, 17.0569, 29.9602



25.2167, 17.0569, 9.3735



9.4578, 17.0569, 10.5117



9.6556, 17.0569, 32.3996

Sweetspot

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



25.5967, 17.0577, 29.9605



61.1601, 56.9725, 71.7509



16.5365, 12.1331, 41.0060



13.0580, 11.9677, 15.3512



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.



25.5967, 17.0577, 29.9605



42.7761, 25.6285, 48.9014



22.7115, 15.9036, 14.7671



8.2418, 8.1100, 9.5839



15.4272, 7.6334, 15.1608



0.4506, 0.2209, 0.5347

Inverse Universe

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



25.5967, 17.0577, 29.9605



42.7761, 25.6285, 48.9014



24.0723, 33.9410, 34.8889



8.2418, 8.1100, 9.5839



15.4272, 7.6334, 15.1608



0.4506, 0.2209, 0.5347

Previews

White Background



This preview shows how the XYZ color 25.5962, 17.0569, 29.9602 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 25.5962, 17.0569, 29.9602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

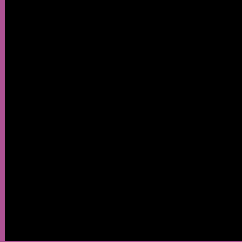
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5962, 17.0569, 29.9602

Background



This preview shows how black text looks on a background with the XYZ color 25.5962, 17.0569, 29.9602.



This preview shows how white text looks on a background with the XYZ color 25.5962, 17.0569,

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

25.5962, 17.0569, 29.9602

Protanopia

18.0708, 17.2217, 41.4014

Deuteranopia

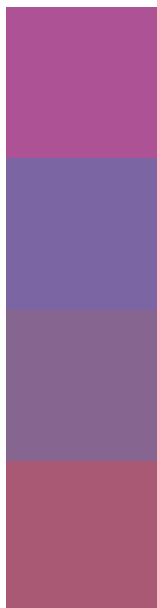
17.5451, 17.2382, 28.3892



Tritanopia

22.3630, 17.0736, 14.1735

Trichromacy



Original Color

25.5962, 17.0569, 29.9602

Protanomaly

19.5306, 16.3580, 36.7784

Deuteranomaly

19.6937, 16.6154, 28.9572

Tritanomaly

23.3608, 16.9752, 18.8749

Monochromacy



Original Color

25.5962, 17.0569, 29.9602

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.1631, 16.7775, 22.6505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5962, 17.0569, 29.9602 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(173, 82, 148)` looks like.

```
.text, #text, p{  
    color:rgb(173, 82, 148)  
}
```

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(173, 82, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 82, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.5962, 17.0569, 29.9602 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(173, 82, 148) }
```


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

```
.border{ border-color:rgb(173, 82, 148) }
```

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

Here you see how a box with a 4 pixel rgb(173, 82, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 82, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 82, 148);  
box-shadow:4px 4px 4px 4px rgb(173, 82,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5962, 17.0569, 29.9602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 82, 148) }
```

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

```
.background{ background-color: rgb(173, 82,  
148) }
```

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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