

Converting Colors

XYZ(25.3785, 15.9523, 28.6870)

Have a look what the booklet for
XYZ(25.3785, 15.9523, 28.6870)
contains.

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Color

**XYZ(25.3327, 15.9092,
28.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	B04891
RGB	176, 72, 145
RGB Percent	69%, 28%, 57%
CMY	0.3098, 0.7176, 0.4314
CMYK	0.00, 0.59, 0.18, 0.31
HSL	318°, 42%, 49%
HSV	318°, 59%, 69%
XYZ	25.3327, 15.9092, 28.5237
YIQ	111.4180, 38.5510, 44.7510

Conversions

Conversions Part 2

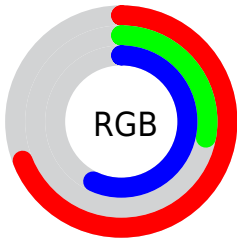
Format	Color
R_{YB}	176, 72, 145
Decimal	11552913
CIE _{Lab}	46.86, 50.85, -19.60
CIE _{LCh}	47, 54.494, 338.920
Yxy	15.9092, 0.3631, 0.2280
Android (android.graphics.Color)	4289742993 (0xFFB04891)
YUV	111.4180, 16.5559, 56.6384
Hunter-Lab	39.8863, 43.5682, -14.4793

Details

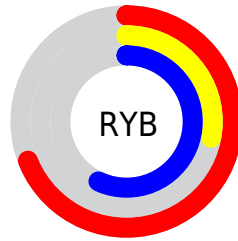
The XYZ color **25.3327, 15.9092, 28.5237** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **20.6468, 33.4082, 18.1937**, and the grayscale version is **15.1771, 15.9674, 17.3885**.

A 20% lighter version of the original color is **51.7013, 36.5377, 58.3603**, and **9.8747, 5.0183, 11.0379** is the 20% darker color. If you saturate the color by 10%, you get **23.9582, 13.7926, 26.1155**, and if you desaturate by 10%, it is **27.0525, 18.6861, 31.1395**.

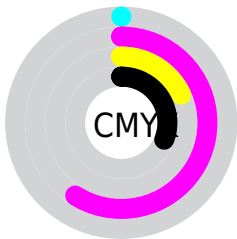
Distribution



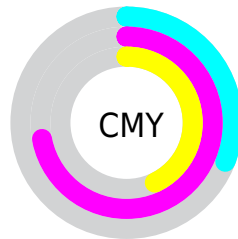
- Red (69%)
- Green (28%)
- Blue (57%)



- Red (69%)
- Yellow (28%)
- Blue (57%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (31%)





- Cyan (31%)
- Magenta (72%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3327, 15.9092, 28.5237 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 25.3327, 15.9092, 28.5237 by changing the saturation by 10% instead.


 25.3327, 15.9092,
28.5237


 25.3327, 15.9092,
28.5237


271.8080,
228.8053, 308.9513


 16.4552, 9.4599,
18.4783


 51.6355, 36.4405,
58.3526


 9.9397, 5.0424,
11.1210


 69.7914, 51.2913,
78.9732


 5.4209, 2.2721,
6.0331

 91.7708, 69.7114,
103.9560

 2.5336, 0.7589,
2.7961

 117.9391, 92.0852,
133.7195

 0.9122, 0.0000,
0.9915

 148.6616,
118.7971, 168.6822

 0.0000, 0.0000,
0.0000

184.3037,

150.2315, 209.2627

225.2307,
186.7728, 255.8796

■ 25.3327, 15.9092,
28.5237

■ 25.3327, 15.9092,
28.5237

■ 23.9582, 13.7926,
26.1155

■ 27.0525, 18.6861,
31.1395

■ 22.8987, 12.2767,
23.9031

■ 29.1417, 22.1717,
33.9717

■ 22.1208, 11.2948,
21.8743

■ 31.6237, 26.4123,
37.0294

■ 21.5611, 10.7206,
20.0066

■ 34.5198, 31.4498,
40.3208

■ 21.5134, 10.6737,
19.8417

■ 37.8493, 37.3230,
43.8536

■ 41.6307, 44.0680,
47.6350

■ 45.8810, 51.7188,
51.6719

■ 50.6167, 60.3078,
55.9707

■ 55.8532, 69.8655,
60.5377

Harmonies

Analogous

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



21.6082, 15.9092, 46.6447



25.3327, 15.9092, 28.5237



26.0450, 15.9092, 13.5785

Triad

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



25.3327, 15.9092, 28.5237



13.7502, 15.9092, 2.2076



9.0752, 15.9092, 39.4710

Complementary

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



25.3327, 15.9092, 28.5237



20.6468, 33.4082, 18.1937

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.



7.7797, 15.9092, 21.6981



25.3327, 15.9092, 28.5237



10.0829, 15.9092, 3.9082

Square

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



25.3327, 15.9092, 28.5237



18.6462, 15.9092, 2.5907



8.1054, 15.9092, 9.5209



12.0711, 15.9092, 54.9343

Rectangle

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



25.3327, 15.9092, 28.5237



24.5963, 15.9092, 7.5095



8.1054, 15.9092, 9.5209



8.4582, 15.9092, 33.2809

Sweetspot

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



25.3332, 15.9100, 28.5240



63.0453, 57.8075, 73.6076



15.5740, 10.5640, 42.2928



13.3176, 11.9233, 15.5715



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.



25.3332, 15.9100, 28.5240



42.7867, 24.0352, 46.0612



22.2669, 14.6835, 12.3773



8.7399, 8.6027, 10.1290



15.8114, 7.8421, 14.6986



0.5217, 0.2564, 0.5899

Inverse Universe

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



25.3332, 15.9100, 28.5240



42.7867, 24.0352, 46.0612



23.9869, 34.7442, 35.7822



8.7399, 8.6027, 10.1290



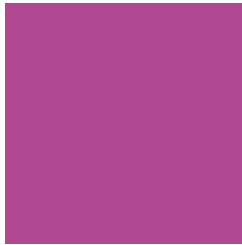
15.8114, 7.8421, 14.6986



0.5217, 0.2564, 0.5899

Previews

White Background



This preview shows how the XYZ color 25.3327, 15.9092, 28.5237 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 25.3327, 15.9092, 28.5237 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 25.3327, 15.9092, 28.5237

Background



This preview shows how black text looks on a background with the XYZ color 25.3327, 15.9092, 28.5237.



This preview shows how white text looks on a background with the XYZ color 25.3327, 15.9092,

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

25.3327, 15.9092, 28.5237

Protanopia

17.2404, 16.2826, 42.2786

Deuteranopia

16.4355, 16.0526, 26.6583



Tritanopia

21.9314, 15.9103, 11.8126

Trichromacy



Original Color

25.3327, 15.9092, 28.5237

Protanomaly

18.5395, 15.0032, 36.5691

Deuteranomaly

18.6635, 15.2754, 27.1641

Tritanomaly

22.9715, 15.7693, 16.8720

Monochromacy



Original Color

25.3327, 15.9092, 28.5237

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.8415, 15.1303, 20.7190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3327, 15.9092, 28.5237 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, 72, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 72, 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(176, 72, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 72, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.3327, 15.9092, 28.5237 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, 72, 145) }
```


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

```
.border{ border-color:rgb(176, 72, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 72, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 72, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 72, 145);  
box-shadow:4px 4px 4px 4px rgb(176, 72,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3327, 15.9092, 28.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 72, 145) }
```

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

```
.background{ background-color: rgb(176, 72,  
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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