

Converting Colors

XYZ(25.0399, 16.6713, 25.6434)

Have a look what the booklet for
XYZ(25.0399, 16.6713, 25.6434)
contains.

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Color

**XYZ(25.0632, 16.6574,
25.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5089
RGB	175, 80, 137
RGB Percent	69%, 31%, 54%
CMY	0.3137, 0.6863, 0.4627
CMYK	0.00, 0.54, 0.22, 0.31
HSL	324°, 37%, 50%
HSV	324°, 54%, 69%
XYZ	25.0632, 16.6574, 25.5611
YIQ	114.9030, 38.3230, 37.8670

Conversions

Conversions Part 2

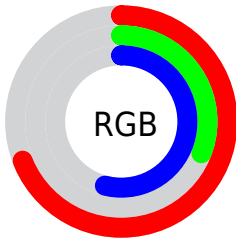
Format	Color
R_{YB}	175, 80, 137
Decimal	11489417
CIE _{Lab}	47.83, 45.52, -13.33
CIE _{LCh}	48, 47.432, 343.673
Yxy	16.6574, 0.3725, 0.2476
Android (android.graphics.Color)	4289679497 (0xFFAF5089)
YUV	114.9030, 10.8938, 52.7051
Hunter-Lab	40.8135, 38.1917, -8.5633

Details

The XYZ color **25.0632, 16.6574, 25.5611** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.9091, 33.6739, 22.4861**, and the grayscale version is **16.2268, 17.0718, 18.5912**.

A 20% lighter version of the original color is **51.2861, 37.8164, 53.3114**, and **9.8354, 5.4200, 9.5446** is the 20% darker color. If you saturate the color by 10%, you get **23.4588, 14.2261, 22.6286**, and if you desaturate by 10%, it is **27.0349, 19.7707, 28.7771**.

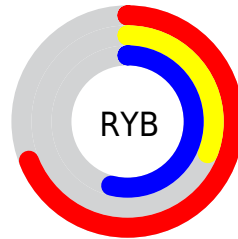
Distribution



Red (69%)

Green (31%)

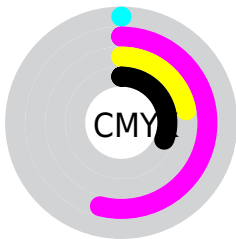
Blue (54%)



Red (69%)

Yellow (31%)

Blue (54%)

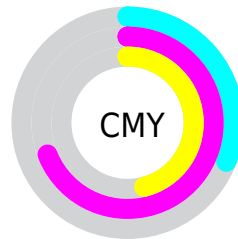


Cyan (0%)

Magenta (54%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (69%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0632, 16.6574, 25.5611 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 25.0632, 16.6574, 25.5611 by changing the saturation by 10% instead.


 25.0632, 16.6574,
25.5611

 25.0632, 16.6574,
25.5611


270.4944,
233.1903, 294.1575


 16.2531, 9.9905,
16.2728

 51.2019, 37.7358,
53.5414


 9.7954, 5.3927,
9.5609


 69.2612, 52.9161,
73.0705


 5.3248, 2.4795,
5.0071

 91.1343, 71.7030,
96.8502

 2.4757, 0.8663,
2.1926

 117.1866, 94.4809,
125.2991

 0.8830, 0.0000,
0.6701

 147.7834,
121.6342, 158.8357

 0.0000, 0.0000,
0.0000

183.2901,

153.5472, 197.8786

224.0719,
190.6045, 242.8464

■ 25.0632, 16.6574,
25.5611

■ 25.0632, 16.6574,
25.5611

■ 23.4588, 14.2261,
22.6286

■ 27.0349, 19.7707,
28.7771

■ 22.1930, 12.4212,
19.9666

■ 29.3966, 23.6110,
32.2867

■ 21.2352, 11.1822,
17.5619

■ 32.1709, 28.2225,
36.1003

■ 20.5481, 10.4353,
15.3989

■ 35.3782, 33.6450,
40.2277

■ 20.2289, 10.1339,
14.2536

■ 39.0374, 39.9156,
44.6778

■ 43.1663, 47.0689,
49.4593

■ 47.7818, 55.1379,
54.5803

■ 52.8999, 64.1536,
60.0487

■ 58.5358, 74.1457,
65.8722

Harmonies

Analogous

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



22.1872, 16.6574, 40.9382



25.0632, 16.6574, 25.5611



25.1967, 16.6574, 13.1389

Triad

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



25.0632, 16.6574, 25.5611



13.9744, 16.6574, 3.5605



10.6172, 16.6574, 39.6310

Complementary

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



25.0632, 16.6574, 25.5611



21.9091, 33.6739, 22.4861

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.



9.1340, 16.6574, 24.2650



25.0632, 16.6574, 25.5611



10.8240, 16.6574, 5.9128

Square

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



25.0632, 16.6574, 25.5611



18.2478, 16.6574, 3.6563



9.2021, 16.6574, 12.3108



13.6401, 16.6574, 51.2378

Rectangle

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



25.0632, 16.6574, 25.5611



23.6720, 16.6574, 7.9936



9.2021, 16.6574, 12.3108



9.9484, 16.6574, 34.4959

Sweetspot

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



25.0637, 16.6582, 25.5614



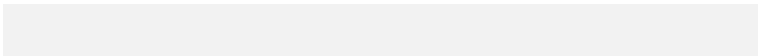
62.1520, 58.2016, 70.5267



18.0786, 12.6850, 42.0533



13.5501, 12.4886, 15.3398



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.



25.0637, 16.6582, 25.5614



41.5524, 24.8023, 39.6138



22.3728, 15.5818, 11.3911



8.1993, 8.0930, 9.3606



14.5175, 7.2695, 10.3706



0.4299, 0.2127, 0.4257

Inverse Universe

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



25.0637, 16.6582, 25.5614



41.5524, 24.8023, 39.6138



25.4760, 35.1007, 41.2692



8.1993, 8.0930, 9.3606



14.5175, 7.2695, 10.3706



0.4299, 0.2127, 0.4257

Previews

White Background



This preview shows how the XYZ color 25.0632, 16.6574, 25.5611 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 25.0632, 16.6574, 25.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

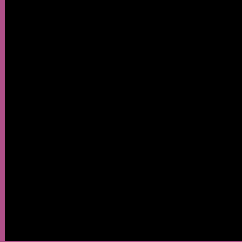
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0632, 16.6574, 25.5611

Background



This preview shows how black text looks on a background with the XYZ color 25.0632, 16.6574, 25.5611.



This preview shows how white text looks on a background with the XYZ color 25.0632, 16.6574,

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

25.0632, 16.6574, 25.5611

Protanopia

17.2849, 16.7791, 35.5854

Deuteranopia

17.1854, 16.8167, 24.1700



Tritanopia

22.4325, 16.6289, 12.8538

Trichromacy



Original Color

25.0632, 16.6574, 25.5611

Protanomaly

18.9771, 15.8934, 31.7733

Deuteranomaly

19.3415, 16.2388, 24.6693

Tritanomaly

23.1555, 16.5520, 16.7263

Monochromacy



Original Color

25.0632, 16.6574, 25.5611

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.6431, 16.2512, 20.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0632, 16.6574, 25.5611 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(175, 80, 137)` looks like.

```
.text, #text, p{  
    color:rgb(175, 80, 137)  
}
```

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(175, 80, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.0632, 16.6574, 25.5611 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(175, 80, 137) }
```


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

```
.border{ border-color:rgb(175, 80, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 80, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0632, 16.6574, 25.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 137) }
```

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

```
.background{ background-color: rgb(175, 80,  
137) }
```

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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