

Converting Colors

XYZ(25.0433, 12.6563, 16.0246)

Have a look what the booklet for
XYZ(25.0433, 12.6563, 16.0246)
contains.

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Color

**XYZ(25.1716, 12.7256,
16.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	C2056F
RGB	194, 5, 111
RGB Percent	76%, 2%, 44%
CMY	0.2392, 0.9802, 0.5647
CMYK	0.00, 0.97, 0.43, 0.24
HSL	326°, 95%, 39%
HSV	326°, 97%, 76%
XYZ	25.1716, 12.7256, 16.1685
YIQ	73.5950, 78.6180, 73.0340

Conversions

Conversions Part 2

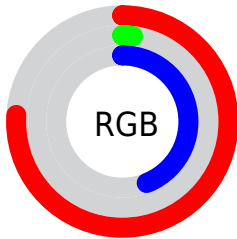
Format	Color
RYB	194, 5, 111
Decimal	12715375
CIELab	42.35, 69.60, -5.31
CIELCh	42, 69.798, 355.636
Yxy	12.7256, 0.4656, 0.2354
Android (android.graphics.Color)	4290905455 (0xFFC2056F)
YUV	73.5950, 18.4407, 105.5952
Hunter-Lab	35.6730, 63.5257, -1.9017

Details

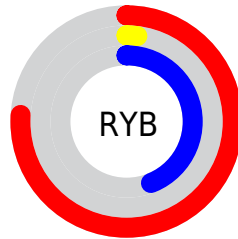
The XYZ color **25.1716, 12.7256, 16.1685** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.1177, 39.3211, 15.7173**, and the grayscale version is **6.3997, 6.7330, 7.3323**.

A 20% lighter version of the original color is **51.2591, 30.7207, 37.8784**, and **10.7569, 5.4385, 5.3333** is the 20% darker color. If you saturate the color by 10%, you get **24.9969, 12.5688, 15.5166**, and if you desaturate by 10%, it is **25.9449, 13.4852, 18.8528**.

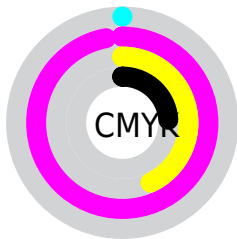
Distribution



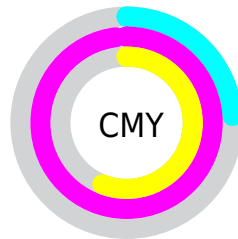
- Red (76%)
- Green (2%)
- Blue (44%)



- Red (76%)
- Yellow (2%)
- Blue (44%)



- Cyan (0%)
- Magenta (97%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (98%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1716, 12.7256, 16.1685 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 25.1716, 12.7256, 16.1685 by changing the saturation by 10% instead.


 25.1716, 12.7256,
16.1685


 25.1716, 12.7256,
16.1685


271.0233,
209.1515, 242.2135


 16.3344, 7.2399,
9.4878


 51.3764, 30.8099,
37.6613


 9.8534, 3.6126,
4.9596


 69.4746, 44.1773,
53.3106


 5.3634, 1.4593,
2.1652

 91.3905, 60.9407,
72.7864

 2.4989, 0.2598,
0.6542

 117.4895, 81.4845,
96.5074

 0.8947, 0.0000,
0.0000

 148.1370,
106.1931, 124.8920

 0.0000, 0.0000,
0.0000

 183.6982,

135.4508, 158.3589

224.5385,
169.6422, 197.3266

■ 25.1716, 12.7256,
16.1685

■ 25.1716, 12.7256,
16.1685

■ 24.9969, 12.5688,
15.5166

■ 25.9449, 13.4852,
18.8528

■ 27.0418, 14.8182,
21.8717

■ 28.5228, 16.8443,
25.2512

■ 30.4310, 19.6474,
29.0109

■ 32.8031, 23.2994,
33.1685

■ 35.6716, 27.8638,
37.7400

■ 39.0662, 33.3980,
42.7402

■ 43.0139, 39.9548,
48.1830

■ 47.5400, 47.5831,
54.0814

Harmonies

Analogous

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



22.4580, 12.7256, 37.3431



25.1716, 12.7256, 16.1685



23.6356, 12.7256, 4.7488

Triad

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



25.1716, 12.7256, 16.1685



8.2405, 12.7256, 0.7051



7.2550, 12.7256, 53.9019

Complementary

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



25.1716, 12.7256, 16.1685



21.1177, 39.3211, 15.7173

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.



5.0984, 12.7256, 30.4548



25.1716, 12.7256, 16.1685



5.5414, 12.7256, 3.1199

Square

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



25.1716, 12.7256, 16.1685



12.8779, 12.7256, 0.2388



4.5764, 12.7256, 11.7753



11.3451, 12.7256, 67.0964

Rectangle

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



25.1716, 12.7256, 16.1685



20.5915, 12.7256, 1.7736



4.5764, 12.7256, 11.7753



6.3319, 12.7256, 46.3934

Sweetspot

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



25.1720, 12.7263, 16.1687



69.4333, 58.2987, 75.5071



13.7154, 6.0268, 51.4791



14.6122, 11.7985, 15.6664



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.1720, 12.7263, 16.1687



45.1579, 22.7195, 27.4252



22.4089, 11.6211, 1.6188



10.3044, 10.1704, 11.6934



16.4766, 8.2804, 10.4220



0.7461, 0.3714, 0.6302

Inverse Universe

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



25.1720, 12.7263, 16.1687



45.1579, 22.7195, 27.4252



27.7366, 41.9686, 50.5716



10.3044, 10.1704, 11.6934



16.4766, 8.2804, 10.4220



0.7461, 0.3714, 0.6302

Previews

White Background



This preview shows how the XYZ color 25.1716, 12.7256, 16.1685 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



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 25.1716, 12.7256, 16.1685

Background



This preview shows how black text looks on a background with the XYZ color 25.1716, 12.7256, 16.1685.



This preview shows how white text looks on a background with the XYZ color 25.1716, 12.7256,

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

25.1716, 12.7256, 16.1685

Protanopia

14.1234, 13.3230, 34.6281

Deuteranopia

13.4656, 13.2825, 14.6860



Tritanopia

22.6095, 12.9380, 3.7882

Trichromacy



Original Color

25.1716, 12.7256, 16.1685

Protanomaly

14.6579, 9.7985, 26.7099

Deuteranomaly

15.4763, 10.4839, 14.8436

Tritanomaly

23.0243, 12.4346, 6.8168

Monochromacy



Original Color

25.1716, 12.7256, 16.1685

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

10.2898, 6.7363, 9.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1716, 12.7256, 16.1685 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(194, 5, 111)` looks like.

```
.text, #text, p{  
    color:rgb(194, 5, 111)  
}
```

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(194, 5, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 5, 111) }
```

Border

The CSS property to change the border of an element to XYZ 25.1716, 12.7256, 16.1685 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(194, 5, 111) }
```


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

```
.border{ border-color:rgb(194, 5, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 5, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 5, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 5, 111);  
box-shadow:4px 4px 4px 4px rgb(194, 5,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1716, 12.7256, 16.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 5, 111) }
```

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

```
.background{ background-color: rgb(194, 5,  
111) }
```

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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