

Converting Colors

XYZ(25.3766, 13.5320, 17.4941)

Have a look what the booklet for
XYZ(25.3766, 13.5320, 17.4941)
contains.

XYZ(25.3766, 13.5320, 17.4941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3766, 13.5320,
17.4941)**

Conversions

Conversions Part 1

Format	Color
Hex	C02173
RGB	192, 33, 115
RGB Percent	75%, 13%, 45%
CMY	0.2471, 0.8705, 0.5490
CMYK	0.00, 0.83, 0.40, 0.25
HSL	329°, 71%, 44%
HSV	329°, 83%, 75%
XYZ	25.3766, 13.5320, 17.4941
YIQ	89.8890, 68.4420, 59.2100

Conversions

Conversions Part 2

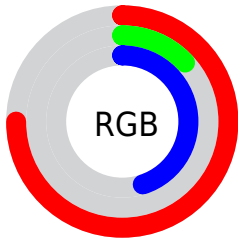
Format	Color
R_{YB}	192, 33, 115
Decimal	12591475
CIE Lab	43.55, 65.26, -6.05
CIE LCh	44, 65.541, 354.705
Yxy	13.5320, 0.4499, 0.2399
Android (android.graphics.Color)	4290781555 (0xFFC02173)
YUV	89.8890, 12.3797, 89.5513
Hunter-Lab	36.7859, 58.7623, -2.4462

Details

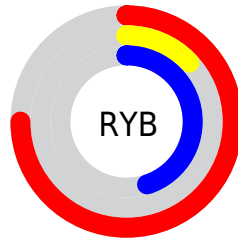
The XYZ color **25.3766, 13.5320, 17.4941** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **22.2925, 39.1489, 21.1373**, and the grayscale version is **9.6573, 10.1602, 11.0645**.

A 20% lighter version of the original color is **51.7578, 32.2221, 40.0508**, and **10.6860, 5.3918, 5.7877** is the 20% darker color. If you saturate the color by 10%, you get **24.4788, 12.5500, 14.6866**, and if you desaturate by 10%, it is **26.6328, 15.1444, 20.6876**.

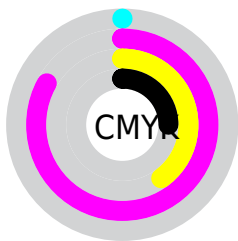
Distribution



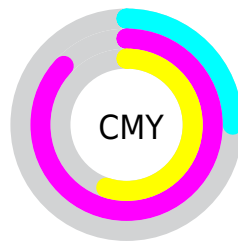
- Red (75%)
- Green (13%)
- Blue (45%)



- Red (75%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (83%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3766, 13.5320, 17.4941 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 25.3766, 13.5320, 17.4941 by changing the saturation by 10% instead.


 25.3766, 13.5320,
17.4941


 25.3766, 13.5320,
17.4941


272.0214,
214.2996, 250.1435


 16.4881, 7.7959,
10.4217


 51.7060, 32.2563,
39.9756


 9.9632, 3.9646,
5.5702


 69.8776, 46.0133,
56.2218

 5.4367, 1.6538,
2.5210


 91.8743, 63.2127,
76.3630

 2.5430, 0.3935,
0.8513

 118.0615, 84.2389,
100.8178

 0.9170, 0.0000,
0.0000

 148.8044,
109.4763, 130.0047

 0.0000, 0.0000,
0.0000

 184.4685,

139.3093, 164.3423

225.4190,
174.1222, 204.2490

■ 25.3766, 13.5320,
17.4941

■ 25.3766, 13.5320,
17.4941

■ 24.4788, 12.5500,
14.6866

■ 26.6328, 15.1444,
20.6876

■ 23.9909, 12.1075,
12.8797

■ 28.2930, 17.4758,
24.2895

■ 30.3965, 20.6029,
28.3204

■ 32.9776, 24.5916,
32.7985

■ 36.0671, 29.5014,
37.7408

■ 39.6927, 35.3859,
43.1632

■ 43.8805, 42.2949,
49.0804

■ 48.6546, 50.2747,
55.5068

■ 54.0376, 59.3687,
62.4557

Harmonies

Analogous

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



22.6946, 13.5320, 37.7871



25.3766, 13.5320, 17.4941



24.0481, 13.5320, 5.8080

Triad

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



25.3766, 13.5320, 17.4941



9.1680, 13.5320, 1.0926



7.9681, 13.5320, 51.8428

Complementary

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



25.3766, 13.5320, 17.4941



22.2925, 39.1489, 21.1373

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.



5.8273, 13.5320, 29.9518



25.3766, 13.5320, 17.4941



6.3802, 13.5320, 3.7053

Square

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



25.3766, 13.5320, 17.4941



13.7925, 13.5320, 0.6874



5.3347, 13.5320, 12.2807



11.9739, 13.5320, 64.4668

Rectangle

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



25.3766, 13.5320, 17.4941



21.2111, 13.5320, 2.4645



5.3347, 13.5320, 12.2807



7.0536, 13.5320, 44.8275

Sweetspot

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



25.3770, 13.5328, 17.4943



70.1201, 61.1751, 75.5743



16.4713, 8.2001, 50.5838



14.5392, 12.3054, 15.4624



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.3770, 13.5328, 17.4943



43.4502, 21.9736, 23.0983



22.5958, 12.4203, 2.8487



10.2852, 10.1627, 11.5922



16.1828, 8.1629, 8.8748



0.7339, 0.3666, 0.5663

Inverse Universe

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



25.3770, 13.5328, 17.4943



43.4502, 21.9736, 23.0983



28.7006, 41.7122, 54.8822



10.2852, 10.1627, 11.5922



16.1828, 8.1629, 8.8748



0.7339, 0.3666, 0.5663

Previews

White Background



This preview shows how the XYZ color 25.3766, 13.5320, 17.4941 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

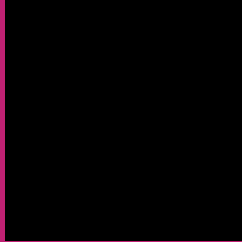
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3766, 13.5320, 17.4941

Background



This preview shows how black text looks on a background with the XYZ color 25.3766, 13.5320, 17.4941.



This preview shows how white text looks on a background with the XYZ color 25.3766, 13.5320,

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

25.3766, 13.5320, 17.4941

Protanopia

14.5791, 13.8562, 34.2539

Deuteranopia

14.1176, 13.8796, 15.8449



Tritanopia

22.7260, 13.5231, 5.1538

Trichromacy



Original Color

25.3766, 13.5320, 17.4941

Protanomaly

15.7047, 11.4717, 26.9777

Deuteranomaly

16.5542, 12.0455, 16.2044

Tritanomaly

23.3028, 13.3086, 8.3618

Monochromacy



Original Color

25.3766, 13.5320, 17.4941

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

13.1326, 9.6691, 12.9785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3766, 13.5320, 17.4941 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(192, 33, 115)` looks like.

```
.text, #text, p{  
    color:rgb(192, 33, 115)  
}
```

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(192, 33, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 33, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.3766, 13.5320, 17.4941 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(192, 33, 115) }
```


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

```
.border{ border-color:rgb(192, 33, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 33, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 33, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 33, 115);  
box-shadow:4px 4px 4px 4px rgb(192, 33,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3766, 13.5320, 17.4941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 33, 115) }
```

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

```
.background{ background-color: rgb(192, 33,  
115) }
```

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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