

Converting Colors

XYZ(25.2113, 18.0195, 37.7480)

Have a look what the booklet for
XYZ(25.2113, 18.0195, 37.7480)
contains.

XYZ(25.2031, 18.0189, 37.7470)	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(25.2031, 18.0189,
37.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	A05DA5
RGB	160, 93, 165
RGB Percent	63%, 36%, 65%
CMY	0.3725, 0.6353, 0.3529
CMYK	0.03, 0.44, 0.00, 0.35
HSL	296°, 29%, 51%
HSV	296°, 44%, 65%
XYZ	25.2031, 18.0189, 37.7470
YIQ	121.2410, 16.8200, 36.5960

Conversions

Conversions Part 2

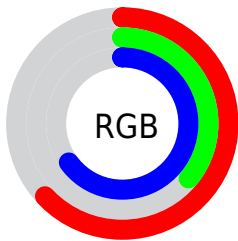
Format	Color
R_{YB}	160, 93, 165
Decimal	10509733
CIE _{Lab}	49.52, 38.81, -27.53
CIE _{LCh}	50, 47.589, 324.649
Yxy	18.0189, 0.3113, 0.2225
Android (android.graphics.Color)	4288699813 (0xFFA05DA5)
YUV	121.2410, 21.5732, 33.9916
Hunter-Lab	42.4487, 31.6958, -23.0089

Details

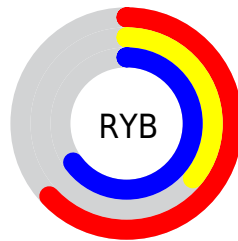
The XYZ color **25.2031, 18.0189, 37.7470** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.4685, 30.2977, 15.1260**, and the grayscale version is **18.1810, 19.1278, 20.8302**.

A 20% lighter version of the original color is **51.3626, 40.0170, 72.7271**, and **9.9079, 6.0458, 16.2675** is the 20% darker color. If you saturate the color by 10%, you get **23.6803, 15.3113, 37.3049**, and if you desaturate by 10%, it is **27.0417, 21.3540, 38.2941**.

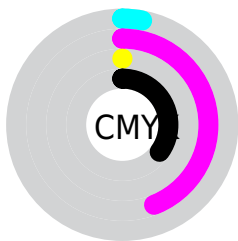
Distribution



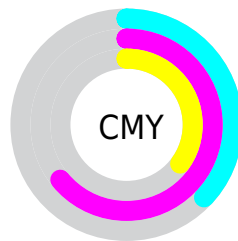
- Red (63%)
- Green (36%)
- Blue (65%)



- Red (63%)
- Yellow (36%)
- Blue (65%)



- Cyan (3%)
- Magenta (44%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2031, 18.0189, 37.7470 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 25.2031, 18.0189, 37.7470 by changing the saturation by 10% instead.


 25.2031, 18.0189,
37.7470


 25.2031, 18.0189,
37.7470


271.1769,
240.9776, 351.7990


 16.3580, 10.9636,
25.4861


 51.4270, 40.0695,
72.9193

 9.8703, 6.0423,
16.2173


 69.5366, 55.8336,
96.6678

 5.3746, 2.8708,
9.5220


 91.4649, 75.2694,
125.0825

 2.5057, 1.0647,
4.9818

 117.5775, 98.7612,
158.5820

 0.8981, 0.0000,
2.1780

148.2396,
126.6936, 197.5849

 0.0000, 0.0000,
0.6616

183.8167,

 0.0000, 0.0000,

159.4508, 242.5097

0.0000

224.6740,
197.4174, 293.7749

■ 25.2031, 18.0189,
37.7470

■ 25.2031, 18.0189,
37.7470

■ 23.6803, 15.3113,
37.3049

■ 27.0417, 21.3540,
38.2941

■ 22.4511, 13.1884,
36.9599

■ 29.2128, 25.3514,
38.9512

■ 21.4936, 11.6055,
36.7049

■ 31.7339, 30.0458,
39.7245

■ 20.7816, 10.5107,
36.5311

■ 34.6211, 35.4691,
40.6191

■ 20.2840, 9.8415,
36.4281

■ 37.8892, 41.6510,
41.6401

■ 20.0312, 9.5419,
36.3836

■ 41.5522, 48.6196,
42.7921

■ 45.6236, 56.4018,
44.0796

■ 50.1160, 65.0228,
45.5069

■ 55.0417, 74.5071,
47.0779

Harmonies

Analogous

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



20.9970, 18.0189, 51.8863



25.2031, 18.0189, 37.7470



27.2738, 18.0189, 22.0240

Triad

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



25.2031, 18.0189, 37.7470



17.9466, 18.0189, 3.8391



10.4010, 18.0189, 31.8841

Complementary

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



25.2031, 18.0189, 37.7470



20.4685, 30.2977, 15.1260

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.



9.8716, 18.0189, 17.3968



25.2031, 18.0189, 37.7470



13.7634, 18.0189, 4.6108

Square

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



25.2031, 18.0189, 37.7470



22.6401, 18.0189, 5.5486



10.9909, 18.0189, 8.4858



12.5896, 18.0189, 47.5885

Rectangle

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



25.2031, 18.0189, 37.7470



26.9428, 18.0189, 13.9931



10.9909, 18.0189, 8.4858



10.0413, 18.0189, 26.5821

Sweetspot

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



25.2037, 18.0197, 37.7474



57.0250, 54.1691, 71.2025



15.7683, 13.9683, 37.4627



12.2454, 11.4286, 15.4980



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2037, 18.0197, 37.7474



42.5782, 27.7177, 66.8583



23.8052, 17.5781, 25.0606



7.3156, 7.1770, 8.9028



15.1710, 7.2274, 27.5252



0.3322, 0.1588, 0.5790

Inverse Universe

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



21.6366, 16.7106, 13.6411



35.4665, 25.1280, 17.8904



21.5451, 30.6680, 23.5236



7.0928, 7.0936, 7.4751



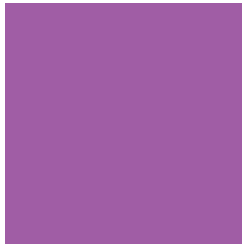
11.7941, 6.0737, 0.8406



0.2534, 0.1299, 0.0473

Previews

White Background



This preview shows how the XYZ color 25.2031, 18.0189, 37.7470 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 25.2031, 18.0189, 37.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

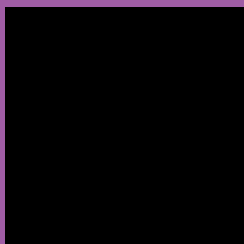
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2031, 18.0189, 37.7470

Background



This preview shows how black text looks on a background with the XYZ color 25.2031, 18.0189, 37.7470.



This preview shows how white text looks on a background with the XYZ color 25.2031, 18.0189,

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

25.2031, 18.0189, 37.7470

Protanopia

19.4113, 18.2786, 47.8524

Deuteranopia

18.6200, 18.2990, 36.2689



Tritanopia

21.1691, 18.0677, 17.9945

Trichromacy



Original Color

25.2031, 18.0189, 37.7470

Protanomaly

20.6345, 17.6814, 43.9203

Deuteranomaly

20.3416, 17.6937, 36.5255

Tritanomaly

22.5288, 18.0412, 24.1247

Monochromacy



Original Color

25.2031, 18.0189, 37.7470

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1915, 18.3259, 26.1400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2031, 18.0189, 37.7470 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(160, 93, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 93, 165)  
}
```

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(160, 93, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 93, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.2031, 18.0189, 37.7470 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(160, 93, 165) }
```


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

```
.border{ border-color:rgb(160, 93, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 93, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 93, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 93, 165);  
box-shadow:4px 4px 4px 4px rgb(160, 93,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2031, 18.0189, 37.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 93, 165) }
```

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

```
.background{ background-color: rgb(160, 93,  
165) }
```

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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