

Converting Colors

XYZ(25.1752, 18.5793, 29.8630)

Have a look what the booklet for
XYZ(25.1752, 18.5793, 29.8630)
contains.

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Color

**XYZ(25.1752, 18.5793,
29.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	A66093
RGB	166, 96, 147
RGB Percent	65%, 38%, 58%
CMY	0.3490, 0.6235, 0.4235
CMYK	0.00, 0.42, 0.11, 0.35
HSL	316°, 28%, 51%
HSV	316°, 42%, 65%
XYZ	25.1752, 18.5793, 29.8630
YIQ	122.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

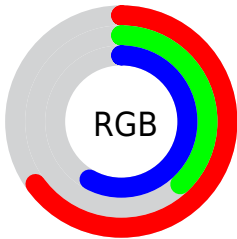
Format	Color
R_{YB}	166, 96, 147
Decimal	10903699
CIE _{Lab}	50.19, 35.80, -15.82
CIE _{LCh}	50, 39.138, 336.158
Yxy	18.5793, 0.3420, 0.2524
Android (android.graphics.Color)	4289093779 (0xFFA66093)
YUV	122.7440, 11.9582, 37.9355
Hunter-Lab	43.1037, 28.8234, -10.9045

Details

The XYZ color **25.1752, 18.5793, 29.8630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5554, 30.9976, 21.0680**, and the grayscale version is **18.6990, 19.6728, 21.4237**.

A 20% lighter version of the original color is **51.2567, 40.9265, 60.4564**, and **9.7704, 6.2433, 11.7564** is the 20% darker color. If you saturate the color by 10%, you get **23.4710, 15.7254, 27.5845**, and if you desaturate by 10%, it is **27.2142, 22.0800, 32.3218**.

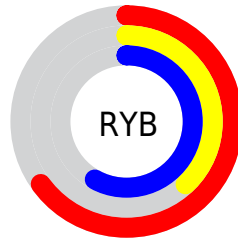
Distribution



Red (65%)

Green (38%)

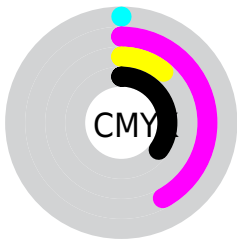
Blue (58%)



Red (65%)

Yellow (38%)

Blue (58%)

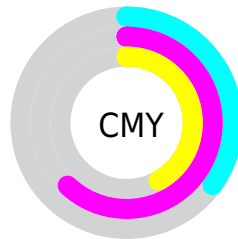


Cyan (0%)

Magenta (42%)

Yellow (11%)

Black (35%)



Cyan (35%)


Magenta (62%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1752, 18.5793, 29.8630 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 25.1752, 18.5793, 29.8630 by changing the saturation by 10% instead.


 25.1752, 18.5793,
29.8630


 25.1752, 18.5793,
29.8630


271.0409,
244.1163, 315.4527


 16.3371, 11.3667,
19.4835


 51.3822, 41.0220,
60.5039


 9.8553, 6.3140,
11.8398


 69.4817, 57.0209,
81.6023

 5.3647, 3.0370,
6.5135


 91.3990, 76.7173,
107.1108

 2.4997, 1.1511,
3.0859

 117.4996,
100.4956, 137.4479

 0.8951, 0.0212,
1.1387

148.1487,
128.7403, 173.0320

 0.0000, 0.0000,
0.0000

183.7117,

161.8357, 214.2819

224.5540,
200.1663, 261.6159

■ 25.1752, 18.5793,
29.8630

■ 25.1752, 18.5793,
29.8630

■ 23.4710, 15.7254,
27.5845

■ 27.2142, 22.0800,
32.3218

■ 22.0793, 13.4750,
25.4776

■ 29.6050, 26.2622,
34.9668

■ 20.9781, 11.7838,
23.5343

■ 32.3654, 31.1608,
37.8048


■ 20.1412, 10.6000,
21.7451


■ 35.5115, 36.8079,
40.8420


■ 19.5379, 9.8622,
20.0990


■ 39.0584, 43.2336,
44.0841

 19.1736, 9.4861,
18.8905

 43.0204, 50.4662,
47.5366

 47.4112, 58.5326,
51.2047

 52.2436, 67.4586,
55.0935

 57.5302, 77.2687,
59.2078

Harmonies

Analogous

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



22.3033, 18.5793, 42.1168



25.1752, 18.5793, 29.8630



25.9148, 18.5793, 18.0783

Triad

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



25.1752, 18.5793, 29.8630



16.8909, 18.5793, 5.7903



12.4173, 18.5793, 35.1621

Complementary

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



25.1752, 18.5793, 29.8630



21.5554, 30.9976, 21.0680

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.



11.3743, 18.5793, 22.5454



25.1752, 18.5793, 29.8630



13.7089, 18.5793, 7.6488

Square

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



25.1752, 18.5793, 29.8630



20.7626, 18.5793, 6.5398



11.8110, 18.5793, 12.9290



14.8813, 18.5793, 45.8628

Rectangle

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



25.1752, 18.5793, 29.8630



25.0183, 18.5793, 12.3716



11.8110, 18.5793, 12.9290



11.9062, 18.5793, 30.8622

Sweetspot

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



25.1758, 18.5802, 29.8634



58.1680, 55.5334, 68.0407



18.0931, 14.7422, 37.9686



12.7673, 11.9829, 14.9744



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.1758, 18.5802, 29.8634



42.6587, 28.6412, 50.1500



22.8527, 17.6509, 17.6302



7.7537, 7.6313, 9.0202



14.8883, 7.3640, 14.7553



0.3819, 0.1871, 0.4628

Inverse Universe

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



25.1758, 18.5802, 29.8634



42.6587, 28.6412, 50.1500



23.9390, 31.9510, 33.6197



7.7537, 7.6313, 9.0202



14.8883, 7.3640, 14.7553



0.3819, 0.1871, 0.4628

Previews

White Background



This preview shows how the XYZ color 25.1752, 18.5793, 29.8630 looks on a white 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

Black Background



This preview shows how the XYZ color 25.1752, 18.5793, 29.8630 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 25.1752, 18.5793, 29.8630

Background



This preview shows how black text looks on a background with the XYZ color 25.1752, 18.5793, 29.8630.



This preview shows how white text looks on a background with the XYZ color 25.1752, 18.5793,

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

25.1752, 18.5793, 29.8630

Protanopia

19.1527, 18.7270, 37.2555

Deuteranopia

19.0649, 18.6988, 28.5910



Tritanopia

22.6198, 18.5296, 17.4233

Trichromacy



Original Color

25.1752, 18.5793, 29.8630

Protanomaly

20.5638, 18.1754, 34.3227

Deuteranomaly

20.8192, 18.2693, 28.8146

Tritanomaly

23.2995, 18.3561, 21.3838

Monochromacy



Original Color

25.1752, 18.5793, 29.8630

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7174, 18.9652, 24.3985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1752, 18.5793, 29.8630 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(166, 96, 147)` looks like.

```
.text, #text, p{  
    color:rgb(166, 96, 147)  
}
```

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(166, 96, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 96, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.1752, 18.5793, 29.8630 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(166, 96, 147) }
```


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

```
.border{ border-color:rgb(166, 96, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 96, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 96, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 96, 147); box-shadow:4px 4px 4px 4px rgb(166, 96, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1752, 18.5793, 29.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 96, 147) }
```

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

```
.background{ background-color: rgb(166, 96,  
147) }
```

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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