

Converting Colors

XYZ(25.1893, 18.0577, 55.4281)

Have a look what the booklet for
XYZ(25.1893, 18.0577, 55.4281)
contains.

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Color

**XYZ(25.1911, 18.0184,
55.5763)**

Conversions

Conversions Part 1

Format	Color
Hex	8C60C6
RGB	140, 96, 198
RGB Percent	55%, 38%, 78%
CMY	0.4510, 0.6235, 0.2235
CMYK	0.29, 0.52, 0.00, 0.22
HSL	266°, 47%, 58%
HSV	266°, 52%, 78%
XYZ	25.1911, 18.0184, 55.5763
YIQ	120.7840, -6.5180, 41.0500

Conversions

Conversions Part 2

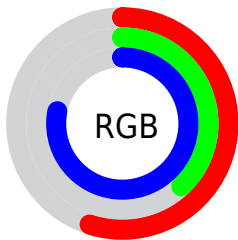
Format	Color
R _{YB}	140, 96, 198
Decimal	9199814
CIE _{Lab}	49.52, 38.77, -46.87
CIE _{LCh}	50, 60.827, 309.593
Yxy	18.0184, 0.2550, 0.1824
Android (android.graphics.Color)	4287389894 (0xFF8C60C6)
YUV	120.7840, 38.0675, 16.8524
Hunter-Lab	42.4481, 31.6479, -47.9134

Details

The XYZ color **25.1911, 18.0184, 55.5763** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **35.6322, 48.1031, 18.4737**, and the grayscale version is **17.9876, 18.9244, 20.6087**.

A 20% lighter version of the original color is **51.4049, 40.1356, 99.6454**, and **9.8122, 5.9946, 26.6265** is the 20% darker color. If you saturate the color by 10%, you get **21.8059, 13.9211, 54.9642**, and if you desaturate by 10%, it is **29.2268, 23.1268, 56.3500**.

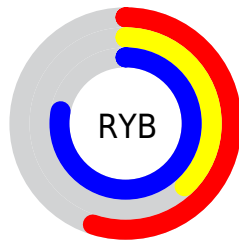
Distribution



Red (55%)

Green (38%)

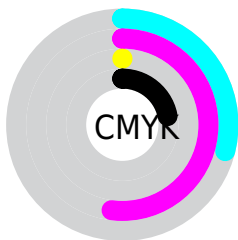
Blue (78%)



Red (55%)

Yellow (38%)

Blue (78%)

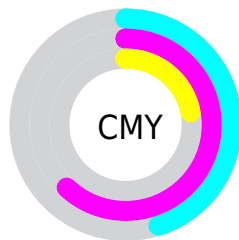


Cyan (29%)

Magenta (52%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (62%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1911, 18.0184, 55.5763 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 25.1911, 18.0184, 55.5763 by changing the saturation by 10% instead.

■ 25.1911, 18.0184,
55.5763

■ 25.1911, 18.0184,
55.5763

271.1184,
240.9747, 425.4361

■ 16.3490, 10.9632,
39.4616

■ 51.4077, 40.0687,
99.8644

■ 9.8638, 6.0421,
26.8084

■ 69.5130, 55.8325,
128.8749

■ 5.3703, 2.8707,
17.1982

■ 91.4366, 75.2681,
163.0211

■ 2.5031, 1.0646,
10.2125

■ 117.5440, 98.7597,
202.7215

■ 0.8968, 0.0000,
5.4326

148.2005,
126.6918, 248.3947

■ 0.0000, 0.0000,
2.4401

183.7715,

■ 0.0000, 0.0000,

159.4487, 300.4591

0.8082

224.6224,
197.4149, 359.3335

■ 0.0000, 0.0000,
0.0000

■ 25.1911, 18.0184,
55.5763

■ 25.1911, 18.0184,
55.5763

■ 21.8059, 13.9211,
54.9642

■ 29.2268, 23.1268,
56.3500

■ 19.0283, 10.7603,
54.5005

■ 33.9475, 29.3097,
57.2946

■ 16.8132, 8.4538,
54.1720

■ 39.3878, 36.6274,
58.4203

■ 15.1065, 6.9032,
53.9627

■ 45.5791, 45.1350,
59.7361

■ 13.9771, 6.0280,
53.8533

■ 52.5508, 54.8842,
61.2504

■ 60.3307, 65.9232,
62.9711

■ 68.9451, 78.2978,
64.9056

■ 78.4192, 92.0518,
67.0611

■ 82.3418, 94.3563,
67.2992

Harmonies

Analogous

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



19.0370, 18.0184, 70.3961



25.1911, 18.0184, 55.5763



29.7321, 18.0184, 32.8746

Triad

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



25.1911, 18.0184, 55.5763



21.2817, 18.0184, 2.3843



8.3678, 18.0184, 25.3884

Complementary

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



25.1911, 18.0184, 55.5763



35.6322, 48.1031, 18.4737

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.



8.7072, 18.0184, 10.5131



25.1911, 18.0184, 55.5763



15.3473, 18.0184, 2.0247

Square

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



25.1911, 18.0184, 55.5763



27.1471, 18.0184, 5.5593



10.9971, 18.0184, 3.9290



9.9355, 18.0184, 47.5420

Rectangle

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



25.1911, 18.0184, 55.5763



30.7463, 18.0184, 19.8451



10.9971, 18.0184, 3.9290



8.2724, 18.0184, 19.3946

Sweetspot

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



25.1918, 18.0191, 55.5767



76.4845, 74.0827, 104.8760



26.8222, 30.1741, 57.8369



15.8674, 15.1648, 22.3407



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.



25.1918, 18.0191, 55.5767



37.8536, 23.7611, 97.1990



35.4869, 23.3264, 56.0585



10.4834, 10.5074, 13.3931



9.1836, 3.9686, 35.0263



0.5175, 0.2305, 1.6624

Inverse Universe

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



33.3047, 22.7051, 33.1993



54.4536, 33.3702, 50.4719



28.0731, 44.2062, 18.1200



10.8823, 10.7363, 12.3634



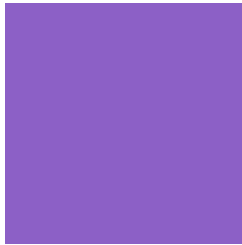
17.1121, 8.5944, 11.0662



0.8461, 0.4213, 0.7126

Previews

White Background



This preview shows how the XYZ color 25.1911, 18.0184, 55.5763 looks on a white background.

Color Contrast Check

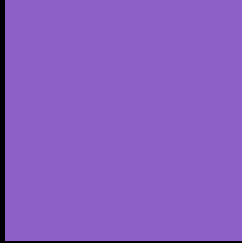
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1911, 18.0184, 55.5763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

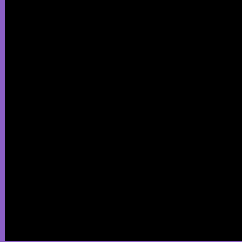
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1911, 18.0184, 55.5763

Background



This preview shows how black text looks on a background with the XYZ color 25.1911, 18.0184, 55.5763.



This preview shows how white text looks on a background with the XYZ color 25.1911, 18.0184,

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

25.1911, 18.0184, 55.5763

Protanopia

20.8401, 18.4126, 67.4213

Deuteranopia

18.6299, 18.1092, 52.9656



Tritanopia

18.1966, 17.9003, 21.2349

Trichromacy



Original Color

25.1911, 18.0184, 55.5763

Protanomaly

21.4873, 17.7083, 62.6071

Deuteranomaly

20.1456, 17.5249, 53.9506

Tritanomaly

20.1228, 17.5427, 31.1797

Monochromacy



Original Color

25.1911, 18.0184, 55.5763

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.1211, 18.3475, 30.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1911, 18.0184, 55.5763 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(140, 96, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 96, 198)  
}
```

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(140, 96, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 96, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.1911, 18.0184, 55.5763 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(140, 96, 198) }
```


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

```
.border{ border-color:rgb(140, 96, 198) }
```

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

Here you see how a box with a 4 pixel rgb(140, 96, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 96, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 96, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 96,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1911, 18.0184, 55.5763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 96, 198) }
```

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

```
.background{ background-color: rgb(140, 96,  
198) }
```

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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