

Converting Colors

XYZ(26.1605, 18.4917, 56.8344)

Have a look what the booklet for
XYZ(26.1605, 18.4917, 56.8344)
contains.

XYZ(26.1098, 18.4652, 56.8316)	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(26.1098, 18.4652,
56.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	9060C8
RGB	144, 96, 200
RGB Percent	56%, 38%, 78%
CMY	0.4353, 0.6235, 0.2157
CMYK	0.28, 0.52, 0.00, 0.22
HSL	268°, 49%, 58%
HSV	268°, 52%, 78%
XYZ	26.1098, 18.4652, 56.8316
YIQ	122.2080, -4.7760, 42.5200

Conversions

Conversions Part 2

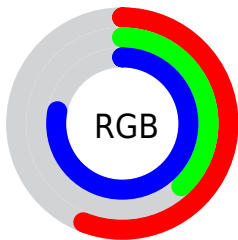
Format	Color
RYB	144, 96, 200
Decimal	9461960
CIELab	50.06, 40.31, -47.14
CIELCh	50, 62.025, 310.533
Yxy	18.4652, 0.2575, 0.1821
Android (android.graphics.Color)	4287652040 (0xFF9060C8)
YUV	122.2080, 38.3515, 19.1116
Hunter-Lab	42.9712, 33.2593, -48.3343

Details

The XYZ color **26.1098, 18.4652, 56.8316** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **35.7149, 48.8289, 18.6095**, and the grayscale version is **18.4470, 19.4077, 21.1350**.

A 20% lighter version of the original color is **52.4593, 40.6792, 99.6947**, and **10.3438, 6.2510, 27.4495** is the 20% darker color. If you saturate the color by 10%, you get **22.7198, 14.3450, 56.2153**, and if you desaturate by 10%, it is **30.1449, 23.6076, 57.6118**.

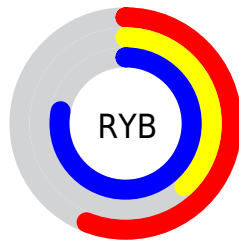
Distribution



Red (56%)

Green (38%)

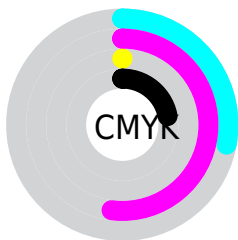
Blue (78%)



Red (56%)

Yellow (38%)

Blue (78%)

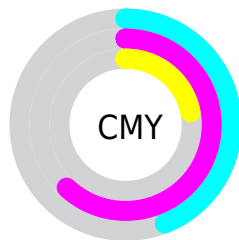


Cyan (28%)

Magenta (52%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (62%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1098, 18.4652, 56.8316 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 26.1098, 18.4652, 56.8316 by changing the saturation by 10% instead.

■ 26.1098, 18.4652,
56.8316

■ 26.1098, 18.4652,
56.8316

275.5675,
243.4802, 430.2940

■ 17.0389, 11.2845,
40.4616

■ 52.8821, 40.8284,
101.7173

■ 10.3577, 6.2585,
27.5821

■ 71.3142, 56.7797,
131.0701

■ 5.7009, 3.0029,
17.7746

■ 93.5974, 76.4234,
165.5876

■ 2.7030, 1.1333,
10.6205

■ 120.0970,
100.1437, 205.6883

■ 0.9987, 0.0061,
5.7013

151.1785,
128.3252, 251.7907

■ 0.0000, 0.0000,
2.5985

187.2072,

■ 0.0000, 0.0000,

161.3522, 304.3135

0.8917

228.5484,
199.6091, 363.6751

■ 0.0000, 0.0000,
0.0000

■ 26.1098, 18.4652,
56.8316

■ 26.1098, 18.4652,
56.8316

■ 22.7198, 14.3450,
56.2153

■ 30.1449, 23.6076,
57.6118

■ 19.9316, 11.1703,
55.7495

■ 34.8597, 29.8367,
58.5657

■ 17.6997, 8.8568,
55.4206

■ 40.2890, 37.2143,
59.7036

■ 15.9693, 7.3032,
55.2119

■ 46.4641, 45.7967,
61.0347

■ 14.8700, 6.4614,
55.1074

■ 53.4147, 55.6365,
62.5676

■ 61.1683, 66.7830,
64.3104

■ 69.7515, 79.2829,
66.2708

■ 78.8684, 92.5389,
68.3489

■ 82.4352, 94.3776,
68.5158

Harmonies

Analogous

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



19.7319, 18.4652, 72.7791



26.1098, 18.4652, 56.8316



30.7380, 18.4652, 33.1601

Triad

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



26.1098, 18.4652, 56.8316



21.6574, 18.4652, 2.3154



8.5167, 18.4652, 26.7278

Complementary

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



26.1098, 18.4652, 56.8316



35.7149, 48.8289, 18.6095

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.



8.8055, 18.4652, 11.0248



26.1098, 18.4652, 56.8316



15.5363, 18.4652, 2.0159

Square

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



26.1098, 18.4652, 56.8316



27.7911, 18.4652, 5.4219



11.1020, 18.4652, 4.0475



10.1968, 18.4652, 49.9005

Rectangle

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



26.1098, 18.4652, 56.8316



31.6998, 18.4652, 19.8015



11.1020, 18.4652, 4.0475



8.3982, 18.4652, 20.4125

Sweetspot

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



26.1105, 18.4659, 56.8320



75.7616, 72.7433, 104.6555



26.6738, 29.5056, 58.9332



15.7400, 14.9087, 22.2980



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.



26.1105, 18.4659, 56.8320



38.8650, 24.2825, 97.2463



37.0627, 24.1120, 57.3446



10.5141, 10.5233, 13.3945



9.5559, 4.1605, 35.0438



0.5358, 0.2400, 1.6632

Inverse Universe

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



33.6702, 22.9127, 32.3541



53.9520, 33.1695, 47.8308



28.1554, 44.9318, 18.2557



10.8686, 10.7308, 12.2915



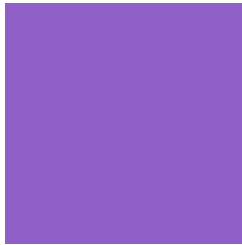
16.9016, 8.5102, 9.9574



0.8366, 0.4175, 0.6626

Previews

White Background



This preview shows how the XYZ color 26.1098, 18.4652, 56.8316 looks on a white background.

Color Contrast Check

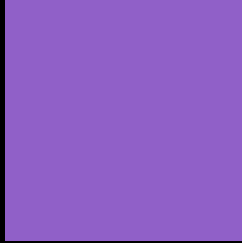
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1098, 18.4652, 56.8316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

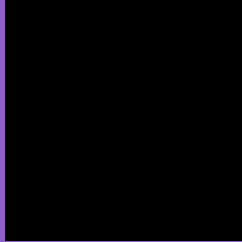
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1098, 18.4652, 56.8316

Background



This preview shows how black text looks on a background with the XYZ color 26.1098, 18.4652, 56.8316.



This preview shows how white text looks on a background with the XYZ color 26.1098, 18.4652,

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

26.1098, 18.4652, 56.8316

Protanopia

21.3463, 18.7985, 69.5212

Deuteranopia

19.2393, 18.7508, 54.2350



Tritanopia

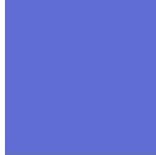
18.9747, 18.4625, 21.6323

Trichromacy



Original Color

26.1098, 18.4652, 56.8316



Protanomaly

22.0716, 18.1236, 64.6223



Deuteranomaly

20.7995, 17.9968, 55.2008



Tritanomaly

21.0217, 18.1430, 32.0998

Monochromacy



Original Color

26.1098, 18.4652, 56.8316



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

20.6161, 18.7581, 31.3882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1098, 18.4652, 56.8316 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(144, 96, 200)` looks like.

```
.text, #text, p{  
  color:rgb(144, 96, 200)  
}
```

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(144, 96, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 96, 200) }
```

Border

The CSS property to change the border of an element to XYZ 26.1098, 18.4652, 56.8316 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(144, 96, 200) }
```


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

```
.border{ border-color:rgb(144, 96, 200) }
```

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

Here you see how a box with a 4 pixel rgb(144, 96, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 96, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 96, 200);  
box-shadow:4px 4px 4px 4px rgb(144, 96,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1098, 18.4652, 56.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 96, 200) }
```

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

```
.background{ background-color: rgb(144, 96,  
200) }
```

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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