

Converting Colors

XYZ(26.8445, 21.1494, 48.0153)

Have a look what the booklet for
XYZ(26.8445, 21.1494, 48.0153)
contains.

XYZ(26.8053, 21.0966, 48.0067)	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(26.8053, 21.0966,
48.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	966EB8
RGB	150, 110, 184
RGB Percent	59%, 43%, 72%
CMY	0.4118, 0.5686, 0.2784
CMYK	0.18, 0.40, 0.00, 0.28
HSL	272°, 34%, 58%
HSV	272°, 40%, 72%
XYZ	26.8053, 21.0966, 48.0067
YIQ	130.3960, 0.0860, 31.4940

Conversions

Conversions Part 2

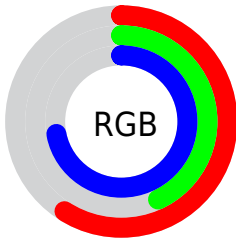
Format	Color
R _Y B	150, 110, 184
Decimal	9858744
CIE _{Lab}	53.06, 30.24, -33.16
CIE _{LCh}	53, 44.880, 312.363
Yxy	21.0966, 0.2795, 0.2200
Android (android.graphics.Color)	4288048824 (0xFF966EB8)
YUV	130.3960, 26.4268, 17.1927
Hunter-Lab	45.9310, 23.7931, -29.8176

Details

The XYZ color **26.8053, 21.0966, 48.0067** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.4573, 41.3366, 21.0736**, and the grayscale version is **21.2682, 22.3758, 24.3673**.

A 20% lighter version of the original color is **53.8253, 45.1111, 88.3085**, and **10.8025, 7.5729, 22.3651** is the 20% darker color. If you saturate the color by 10%, you get **23.5225, 16.7573, 47.3425**, and if you desaturate by 10%, it is **30.6141, 26.3199, 48.8145**.

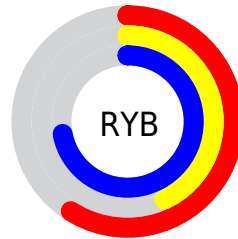
Distribution



Red (59%)

Green (43%)

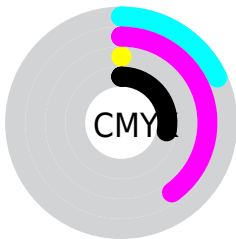
Blue (72%)



Red (59%)

Yellow (43%)

Blue (72%)

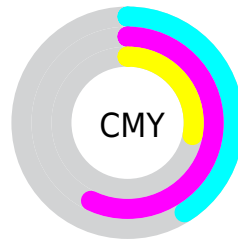


Cyan (18%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8053, 21.0966, 48.0067 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 26.8053, 21.0966, 48.0067 by changing the saturation by 10% instead.

■ 26.8053, 21.0966,
48.0067

■ 26.8053, 21.0966,
48.0067

278.8979,
257.7914, 395.3282

■ 17.5629, 13.1946,
33.4722

■ 53.9934, 45.2482,
88.5800

■ 10.7344, 7.5627,
22.2143

■ 72.6697, 62.2667,
115.4559

■ 5.9545, 3.8164,
13.8146

■ 95.2215, 83.0928,
147.2826

■ 2.8578, 1.5714,
7.8546

■ 122.0139,
108.1109, 184.4788

■ 1.0790, 0.3382,
3.9156

153.4124,
137.7054, 227.4629

■ 0.0075, 0.0000,
1.5792

189.7824,

■ 0.0000, 0.0000,

172.2608, 276.6534

0.2759

231.4891,
212.1613, 332.4690

■ 0.0000, 0.0000,
0.0000

■ 26.8053, 21.0966,
48.0067

■ 26.8053, 21.0966,
48.0067

■ 23.5225, 16.7573,
47.3425

■ 30.6141, 26.3199,
48.8145

■ 20.7353, 13.2467,
46.8118

■ 34.9723, 32.4727,
49.7724

■ 18.4135, 10.5073,
46.4054

■ 39.9047, 39.6006,
50.8883

■ 16.5220, 8.4727,
46.1124

■ 45.4337, 47.7451,
52.1689

■ 15.0198, 7.0647,
45.9198

■ 51.5804, 56.9455,
53.6208

■ 13.8477, 6.1393,
45.8029

■ 58.3650, 67.2389,
55.2500

■ 65.8065, 78.6606,
57.0624

■ 73.2162, 89.8299,
58.8278

■ 75.8038, 91.1639,
58.9489

Harmonies

Analogous

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



22.0569, 21.0966, 58.8342



26.8053, 21.0966, 48.0067



29.9970, 21.0966, 31.7744

Triad

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



26.8053, 21.0966, 48.0067



22.9274, 21.0966, 6.0434



12.4327, 21.0966, 28.9929

Complementary

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



26.8053, 21.0966, 48.0067



31.4573, 41.3366, 21.0736

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.



12.5904, 21.0966, 15.9647



26.8053, 21.0966, 48.0067



18.1718, 21.0966, 5.7929

Square

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



26.8053, 21.0966, 48.0067



27.5280, 21.0966, 9.5367



14.5399, 21.0966, 8.6265



14.0687, 21.0966, 45.2961

Rectangle

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



26.8053, 21.0966, 48.0067



30.5480, 21.0966, 21.9164



14.5399, 21.0966, 8.6265



12.2859, 21.0966, 24.0581

Sweetspot

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



26.8060, 21.0975, 48.0072



70.4780, 69.0773, 91.8233



25.1372, 26.8850, 49.2122



14.9384, 14.5210, 19.7371



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.8060, 21.0975, 48.0072



43.4257, 31.3948, 85.9756



33.7390, 24.7012, 46.9935



8.9723, 8.9521, 11.3345



9.6261, 4.2736, 31.5706



0.4099, 0.1870, 1.1162

Inverse Universe

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



30.3778, 23.3567, 29.2937



51.1086, 36.2447, 46.1632



26.5223, 38.7768, 21.5536



9.1716, 9.0790, 10.2512



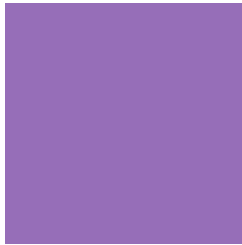
14.7758, 7.4841, 6.7064



0.5522, 0.2764, 0.4012

Previews

White Background



This preview shows how the XYZ color 26.8053, 21.0966, 48.0067 looks on a white background.

Color Contrast Check

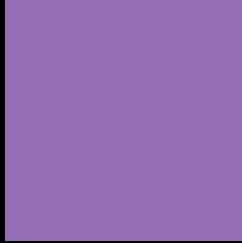
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8053, 21.0966, 48.0067 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 26.8053, 21.0966, 48.0067

Background



This preview shows how black text looks on a background with the XYZ color 26.8053, 21.0966, 48.0067.



This preview shows how white text looks on a background with the XYZ color 26.8053, 21.0966,

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

26.8053, 21.0966, 48.0067

Protanopia

22.6642, 21.4195, 55.1644

Deuteranopia

21.8647, 21.3837, 46.6911



Tritanopia

21.9186, 20.9762, 24.3663

Trichromacy



Original Color

26.8053, 21.0966, 48.0067

Protanomaly

23.8386, 21.1607, 52.6972

Deuteranomaly

23.3283, 21.0213, 47.0839

Tritanomaly

23.3679, 20.8539, 31.6477

Monochromacy



Original Color

26.8053, 21.0966, 48.0067

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9045, 21.6863, 31.8328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8053, 21.0966, 48.0067 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(150, 110, 184)` looks like.

```
.text, #text, p{  
    color:rgb(150, 110, 184)  
}
```

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(150, 110, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 110, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.8053, 21.0966, 48.0067 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(150, 110, 184) }
```


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

```
.border{ border-color:rgb(150, 110, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 110, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 110, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 110, 184);  
box-shadow:4px 4px 4px 4px rgb(150, 110,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8053, 21.0966, 48.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 110, 184) }
```

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

```
.background{ background-color: rgb(150,  
110, 184) }
```

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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