

Converting Colors

XYZ(27.5240, 21.6747, 48.2052)

Have a look what the booklet for
XYZ(27.5240, 21.6747, 48.2052)
contains.

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Color

**XYZ(27.4730, 21.6019,
48.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	996FB8
RGB	153, 111, 184
RGB Percent	60%, 44%, 72%
CMY	0.4000, 0.5647, 0.2784
CMYK	0.17, 0.40, 0.00, 0.28
HSL	275°, 34%, 58%
HSV	275°, 40%, 72%
XYZ	27.4730, 21.6019, 48.0690
YIQ	131.8800, 1.5990, 31.6070

Conversions

Conversions Part 2

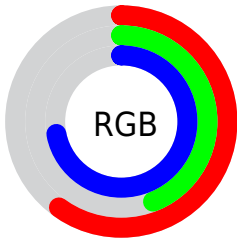
Format	Color
R_{YB}	153, 111, 184
Decimal	10055608
CIE _{Lab}	53.60, 30.58, -32.28
CIE _{LCh}	54, 44.470, 313.450
Yxy	21.6019, 0.2828, 0.2224
Android (android.graphics.Color)	4288245688 (0xFF996FB8)
YUV	131.8800, 25.6952, 18.5222
Hunter-Lab	46.4778, 24.1749, -28.7853

Details

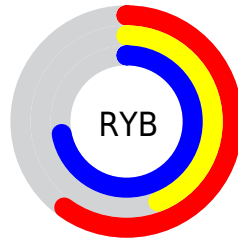
The XYZ color **27.4730, 21.6019, 48.0690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **31.1658, 41.1800, 21.3458**, and the grayscale version is **21.7996, 22.9349, 24.9761**.

A 20% lighter version of the original color is **54.8378, 45.8956, 88.4065**, and **11.0749, 7.7933, 22.3933** is the 20% darker color. If you saturate the color by 10%, you get **24.2416, 17.2568, 47.4010**, and if you desaturate by 10%, it is **31.2160, 26.8256, 48.8804**.

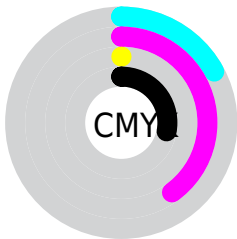
Distribution



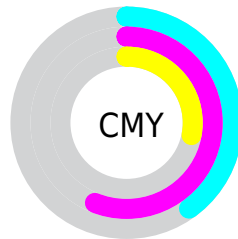
- Red (60%)
- Green (44%)
- Blue (72%)



- Red (60%)
- Yellow (44%)
- Blue (72%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4730, 21.6019, 48.0690 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 27.4730, 21.6019, 48.0690 by changing the saturation by 10% instead.

■ 27.4730, 21.6019,
48.0690

■ 27.4730, 21.6019,
48.0690

282.0660,
260.4602, 395.5822

■ 18.0672, 13.5647,
33.5212

■ 55.0565, 46.0871,
88.6737

■ 11.0982, 7.8185,
22.2516

■ 73.9649, 63.3039,
115.5677

■ 6.2007, 3.9790,
13.8418

■ 96.7716, 84.3494,
147.4142

■ 3.0093, 1.6618,
7.8732

■ 123.8418,
109.6079, 184.6316

■ 1.1587, 0.3988,
3.9273

155.5411,
139.4638, 227.6386

■ 0.0734, 0.0000,
1.5856

192.2346,

■ 0.0000, 0.0000,

174.3016, 276.8536

0.2805

234.2878,
214.5056, 332.6953

■ 0.0000, 0.0000,
0.0000

■ 27.4730, 21.6019,
48.0690

■ 27.4730, 21.6019,
48.0690

■ 24.2416, 17.2568,
47.4010

■ 31.2160, 26.8256,
48.8804

■ 21.4921, 13.7355,
46.8662

■ 35.4936, 32.9730,
49.8415

■ 19.1950, 10.9811,
46.4556

■ 40.3299, 40.0891,
50.9601

■ 17.3161, 8.9282,
46.1584

■ 45.7467, 48.2151,
52.2431

■ 15.8154, 7.4994,
45.9617

■ 51.7647, 57.3900,
53.6968

■ 14.6163, 6.5453,
45.8407

■ 58.4035, 67.6505,
55.3274

■ 14.5793, 6.5165,
45.8371

■ 65.6818, 79.0316,
57.1406

■ 72.5867, 89.5054,
58.7983

■ 74.9437, 90.7205,
58.9086

Harmonies

Analogous

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



22.7298, 21.6019, 59.2193



27.4730, 21.6019, 48.0690



30.5866, 21.6019, 31.7831

Triad

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



27.4730, 21.6019, 48.0690



23.2441, 21.6019, 6.3049



12.8707, 21.6019, 30.1423

Complementary

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



27.4730, 21.6019, 48.0690



31.1658, 41.1800, 21.3458

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.



12.9645, 21.6019, 16.8310



27.4730, 21.6019, 48.0690



18.4806, 21.6019, 6.1539

Square

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



27.4730, 21.6019, 48.0690



27.8992, 21.6019, 9.7314



14.8711, 21.6019, 9.1866



14.5913, 21.6019, 46.4763

Rectangle

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



27.4730, 21.6019, 48.0690



31.0608, 21.6019, 21.9820



14.8711, 21.6019, 9.1866



12.7001, 21.6019, 25.1298

Sweetspot

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



27.4738, 21.6028, 48.0695



70.7938, 69.2401, 91.8380



24.9756, 26.3761, 49.1225



15.0130, 14.5595, 19.7406



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.



27.4738, 21.6028, 48.0695



44.4179, 31.9064, 86.0221



33.6024, 24.8202, 45.7387



9.0025, 8.9676, 11.3359



10.1301, 4.5334, 31.5942



0.4263, 0.1955, 1.1170

Inverse Universe

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



30.3348, 23.5131, 28.5319



50.7137, 36.0867, 44.0838



26.8414, 38.9189, 22.5807



9.1586, 9.0738, 10.1827



14.6084, 7.4171, 5.8246



0.5461, 0.2739, 0.3691

Previews

White Background



This preview shows how the XYZ color 27.4730, 21.6019, 48.0690 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 27.4730, 21.6019, 48.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

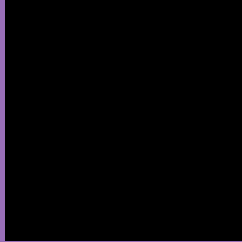
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4730, 21.6019, 48.0690

Background



This preview shows how black text looks on a background with the XYZ color 27.4730, 21.6019, 48.0690.



This preview shows how white text looks on a background with the XYZ color 27.4730, 21.6019,

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

27.4730, 21.6019, 48.0690

Protanopia

23.0182, 21.7908, 55.2174

Deuteranopia

22.2365, 21.7661, 46.7454



Tritanopia

22.8014, 21.6048, 24.7982

Trichromacy



Original Color

27.4730, 21.6019, 48.0690

Protanomaly

24.2370, 21.5455, 52.7504

Deuteranomaly

23.7383, 21.4121, 47.1378

Tritanomaly

24.2771, 21.4871, 32.1460

Monochromacy



Original Color

27.4730, 21.6019, 48.0690

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.6088, 22.2251, 32.3237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4730, 21.6019, 48.0690 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(153, 111, 184)` looks like.

```
.text, #text, p{  
    color:rgb(153, 111, 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(153, 111, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 111, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.4730, 21.6019, 48.0690 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(153, 111, 184) }
```


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

```
.border{ border-color:rgb(153, 111, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 111, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 111, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 111, 184);  
box-shadow:4px 4px 4px 4px rgb(153, 111,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4730, 21.6019, 48.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 111, 184) }
```

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

```
.background{ background-color: rgb(153,  
111, 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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