

Converting Colors

XYZ(31.6699, 26.0814, 54.2863)

Have a look what the booklet for
XYZ(31.6699, 26.0814, 54.2863)
contains.

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Color

**XYZ(31.7692, 26.1393,
54.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	A17DC2
RGB	161, 125, 194
RGB Percent	63%, 49%, 76%
CMY	0.3686, 0.5098, 0.2392
CMYK	0.17, 0.36, 0.00, 0.24
HSL	271°, 36%, 63%
HSV	271°, 36%, 76%
XYZ	31.7692, 26.1393, 54.4099
YIQ	143.6300, -0.6930, 29.0910

Conversions

Conversions Part 2

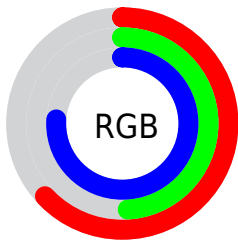
Format	Color
R _{YB}	161, 125, 194
Decimal	10583490
CIE _{Lab}	58.17, 27.30, -30.83
CIE _{LCh}	58, 41.183, 311.527
Yxy	26.1393, 0.2828, 0.2327
Android (android.graphics.Color)	4288773570 (0xFFA17DC2)
YUV	143.6300, 24.8324, 15.2335
Hunter-Lab	51.1266, 21.4453, -27.3089

Details

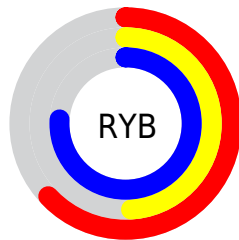
The XYZ color **31.7692, 26.1393, 54.4099** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.0946, 47.3339, 26.5843**, and the grayscale version is **26.2650, 27.6328, 30.0921**.

A 20% lighter version of the original color is **61.9483, 53.5575, 98.3394**, and **13.4340, 10.1137, 26.0550** is the 20% darker color. If you saturate the color by 10%, you get **27.7482, 20.7703, 53.5859**, and if you desaturate by 10%, it is **36.4104, 32.5413, 55.4014**.

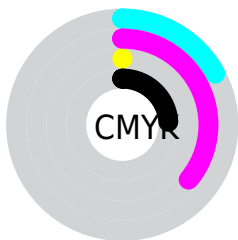
Distribution



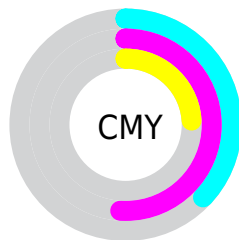
- Red (63%)
- Green (49%)
- Blue (76%)



- Red (63%)
- Yellow (49%)
- Blue (76%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (37%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7692, 26.1393, 54.4099 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 31.7692, 26.1393, 54.4099 by changing the saturation by 10% instead.

■ 31.7692, 26.1393,
54.4099

■ 31.7692, 26.1393,
54.4099

301.8305,
283.4652, 420.8899

■ 21.3400, 16.9279,
38.5341

■ 61.8167, 53.4996,
98.1383

■ 13.4866, 10.1831,
26.0924

■ 82.1657, 72.4172,
126.8279

■ 7.8438, 5.5205,
16.6664

■ 106.5520, 95.3391,
160.6259

■ 4.0461, 2.5558,
9.8375

135.3410,
122.6496, 199.9508

■ 1.7283, 0.9045,
5.1872

168.8980,
154.7330, 245.2211

■ 0.4739, 0.0000,
2.2968

207.5883,

■ 0.0000, 0.0000,

191.9738, 296.8553

0.7294

251.7774,
234.7564, 355.2721

■ 0.0000, 0.0000,
0.0000

■ 31.7692, 26.1393,
54.4099

■ 31.7692, 26.1393,
54.4099

■ 27.7482, 20.7703,
53.5859

■ 36.4104, 32.5413,
55.4014

■ 24.3137, 16.3734,
52.9183

■ 41.6977, 40.0260,
56.5674

■ 21.4325, 12.8862,
52.3970

■ 47.6589, 48.6439,
57.9167

■ 19.0666, 10.2373,
52.0104

■ 54.3191, 58.4412,
59.4567

■ 17.1723, 8.3443,
51.7449

■ 61.7019, 69.4615,
61.1947

15.6960, 7.1053,
51.5835

69.8302, 81.7461,
63.1375

15.1291, 6.6745,
51.5303

76.8458, 91.5756,
64.6650

79.8338, 93.1160,
64.8048

82.9816, 94.7387,
64.9522

Harmonies

Analogous

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



26.8130, 26.1393, 64.8011



31.7692, 26.1393, 54.4099



35.1094, 26.1393, 38.0938

Triad

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



31.7692, 26.1393, 54.4099



28.0129, 26.1393, 9.5357



16.5743, 26.1393, 34.3171

Complementary

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



31.7692, 26.1393, 54.4099



37.0946, 47.3339, 26.5843

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.



16.8053, 26.1393, 20.6070



31.7692, 26.1393, 54.4099



22.9750, 26.1393, 9.1257

Square

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



31.7692, 26.1393, 54.4099



32.7483, 26.1393, 13.8463



19.0073, 26.1393, 12.4395



18.3274, 26.1393, 50.8608

Rectangle

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



31.7692, 26.1393, 54.4099



35.7318, 26.1393, 27.7350



19.0073, 26.1393, 12.4395



16.4295, 26.1393, 29.2001

Sweetspot

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



31.7701, 26.1404, 54.4105



80.1348, 79.1149, 103.5169



30.4825, 32.8292, 55.7694



17.2263, 16.8605, 22.5964



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.



31.7701, 26.1404, 54.4105



51.5620, 39.3250, 97.3427



39.1913, 29.9810, 54.0861



10.0185, 10.0007, 12.6871



10.0421, 4.4373, 33.8838



0.5131, 0.2326, 1.4677

Inverse Universe

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



35.7540, 28.6061, 35.9854



60.2081, 44.6717, 57.5619



31.5256, 44.4544, 26.7094



10.2693, 10.1563, 11.5087



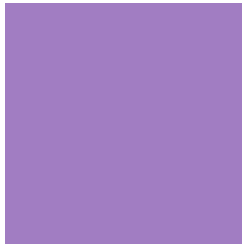
15.9611, 8.0742, 7.7072



0.7245, 0.3628, 0.5164

Previews

White Background



This preview shows how the XYZ color 31.7692, 26.1393, 54.4099 looks on a white background.

Color Contrast Check

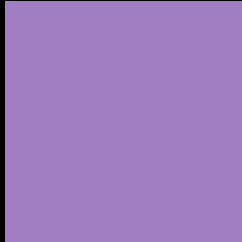
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7692, 26.1393, 54.4099 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 31.7692, 26.1393, 54.4099

Background



This preview shows how black text looks on a background with the XYZ color 31.7692, 26.1393, 54.4099.



This preview shows how white text looks on a background with the XYZ color 31.7692, 26.1393,

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

31.7692, 26.1393, 54.4099

Protanopia

27.4588, 26.3881, 60.7729

Deuteranopia

26.8046, 26.2236, 52.9391



Tritanopia

26.9117, 26.1446, 30.4161

Trichromacy



Original Color

31.7692, 26.1393, 54.4099

Protanomaly

28.6444, 26.0135, 58.1550

Deuteranomaly

28.2185, 25.8992, 53.3809

Tritanomaly

28.4375, 25.9449, 38.1594

Monochromacy



Original Color

31.7692, 26.1393, 54.4099

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0449, 26.9840, 37.9127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7692, 26.1393, 54.4099 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(161, 125, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 125, 194)  
}
```

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(161, 125, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 125, 194) }
```

Border

The CSS property to change the border of an element to XYZ 31.7692, 26.1393, 54.4099 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(161, 125, 194) }
```


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

```
.border{ border-color:rgb(161, 125, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 125, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 125, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 125, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 125,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7692, 26.1393, 54.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 125, 194) }
```

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

```
.background{ background-color: rgb(161,  
125, 194) }
```

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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