

Converting Colors

XYZ(17.2967, 13.1578, 34.8636)

Have a look what the booklet for
XYZ(17.2967, 13.1578, 34.8636)
contains.

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Color

**XYZ(17.2807, 13.1156,
34.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	7756A0
RGB	119, 86, 160
RGB Percent	47%, 34%, 63%
CMY	0.5333, 0.6627, 0.3725
CMYK	0.26, 0.46, 0.00, 0.37
HSL	267°, 30%, 48%
HSV	267°, 46%, 63%
XYZ	17.2807, 13.1156, 34.8785
YIQ	104.3030, -4.0860, 30.0100

Conversions

Conversions Part 2

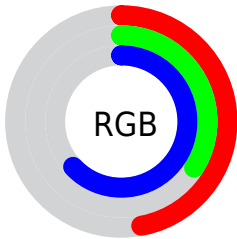
Format	Color
R _Y B	119, 86, 160
Decimal	7820960
CIE Lab	42.94, 29.22, -35.23
CIE LCh	43, 45.768, 309.670
Yxy	13.1156, 0.2647, 0.2009
Android (android.graphics.Color)	4286011040 (0xFF7756A0)
YUV	104.3030, 27.4586, 12.8893
Hunter-Lab	36.2155, 21.7966, -31.7504

Details

The XYZ color **17.2807, 13.1156, 34.8785** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0033, 30.3258, 13.4457**, and the grayscale version is **13.1692, 13.8550, 15.0881**.

A 20% lighter version of the original color is **38.3035, 31.3989, 68.3317**, and **5.8162, 3.7627, 14.6071** is the 20% darker color. If you saturate the color by 10%, you get **14.9830, 10.2425, 34.4453**, and if you desaturate by 10%, it is **19.9789, 16.6202, 35.4130**.

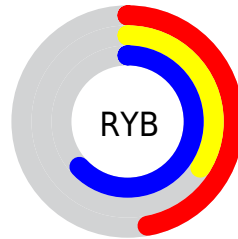
Distribution



Red (47%)

Green (34%)

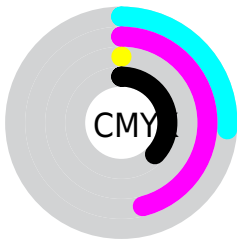
Blue (63%)



Red (47%)

Yellow (34%)

Blue (63%)

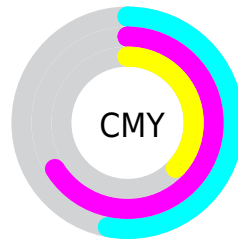


Cyan (26%)

Magenta (46%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (66%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2807, 13.1156, 34.8785 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 17.2807, 13.1156, 34.8785 by changing the saturation by 10% instead.

■ 17.2807, 13.1156,
34.8785

■ 17.2807, 13.1156,
34.8785

229.9097,
211.6572, 338.9197

■ 10.5314, 7.5082,
23.2865

■ 38.3475, 31.5113,
68.4469

■ 5.8176, 3.7819,
14.5979

■ 53.3958, 45.0684,
91.2604

■ 2.7741, 1.5523,
8.3942

■ 71.9410, 62.0442,
118.6515

■ 1.0355, 0.3251,
4.2568

■ 94.3486, 82.8230,
151.0388

■ 0.0000, 0.0000,
1.7673

■ 120.9839,
107.7894, 188.8406

■ 0.0000, 0.0000,
0.4062

152.2123,

■ 0.0000, 0.0000,

137.3276, 232.4757

0.0000

188.3991,
171.8221, 282.3626

■ 17.2807, 13.1156,
34.8785

■ 17.2807, 13.1156,
34.8785

■ 14.9830, 10.2425,
34.4453

■ 19.9789, 16.6202,
35.4130

■ 13.0618, 7.9591,
34.1058

■ 23.0965, 20.7912,
36.0538

■ 11.4928, 6.2208,
33.8530

■ 26.6531, 25.6630,
36.8067

■ 10.2475, 4.9758,
33.6783

■ 30.6664, 31.2670,
37.6768

■ 9.2869, 4.1513,
33.5698

■ 35.1530, 37.6325,
38.6690

■ 8.9697, 3.8910,
33.5362

■ 40.1289, 44.7874,
39.7878

■ 45.6090, 52.7580,
41.0374

■ 51.6079, 61.5696,
42.4221

■ 58.1391, 71.2461,
43.9456

Harmonies

Analogous

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



13.6323, 13.1156, 42.9990



17.2807, 13.1156, 34.8785



19.9115, 13.1156, 22.0887

Triad

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



17.2807, 13.1156, 34.8785



14.9565, 13.1156, 2.7526



6.9338, 13.1156, 17.7732

Complementary

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



17.2807, 13.1156, 34.8785



23.0033, 30.3258, 13.4457

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.



7.1552, 13.1156, 8.5708



17.2807, 13.1156, 34.8785



11.3682, 13.1156, 2.4544

Square

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



17.2807, 13.1156, 34.8785



18.4048, 13.1156, 5.1649



8.6406, 13.1156, 3.9819



7.9657, 13.1156, 30.4798

Rectangle

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



17.2807, 13.1156, 34.8785



20.4904, 13.1156, 14.3923



8.6406, 13.1156, 3.9819



6.8693, 13.1156, 14.1696

Sweetspot

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



17.2812, 13.1161, 34.8788



49.7691, 48.5025, 67.1253



17.8938, 19.9379, 36.1633



10.6053, 10.2079, 14.6550



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.2812, 13.1161, 34.8788



27.2766, 18.6852, 62.5555



23.2037, 16.1693, 35.1560



6.5515, 6.5728, 8.3301



7.0365, 3.0565, 26.1263



0.1738, 0.0794, 0.4694

Inverse Universe

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



21.6561, 15.6619, 21.9607



36.4895, 24.0544, 34.9834



18.5587, 28.0346, 13.2377



6.7791, 6.7046, 7.6880



12.7087, 6.3880, 7.9829



0.2484, 0.1227, 0.2540

Previews

White Background



This preview shows how the XYZ color 17.2807, 13.1156, 34.8785 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 17.2807, 13.1156, 34.8785 looks on a black 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

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

XYZ 17.2807, 13.1156, 34.8785

Background



This preview shows how black text looks on a background with the XYZ color 17.2807, 13.1156, 34.8785.



This preview shows how white text looks on a background with the XYZ color 17.2807, 13.1156,

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

17.2807, 13.1156, 34.8785

Protanopia

14.5068, 13.2418, 40.8211

Deuteranopia

13.4871, 13.1581, 33.7272



Tritanopia

13.2759, 13.0272, 15.4505

Trichromacy



Original Color

17.2807, 13.1156, 34.8785

Protanomaly

15.0951, 12.9073, 38.7415

Deuteranomaly

14.5709, 13.0080, 34.0906

Tritanomaly

14.5787, 13.0225, 21.4839

Monochromacy



Original Color

17.2807, 13.1156, 34.8785

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.2195, 13.2558, 20.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2807, 13.1156, 34.8785 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(119, 86, 160)` looks like.

```
.text, #text, p{  
    color:rgb(119, 86, 160)  
}
```

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(119, 86, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 86, 160) }
```

Border

The CSS property to change the border of an element to XYZ 17.2807, 13.1156, 34.8785 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(119, 86, 160) }
```


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

```
.border{ border-color:rgb(119, 86, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 86, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 86, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 86, 160); box-shadow:4px 4px 4px 4px rgb(119, 86, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2807, 13.1156, 34.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 86, 160) }
```

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

```
.background{ background-color: rgb(119, 86,  
160) }
```

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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