

Converting Colors

XYZ(17.2457, 13.8819, 31.9076)

Have a look what the booklet for
XYZ(17.2457, 13.8819, 31.9076)
contains.

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Color

**XYZ(17.3226, 13.9473,
31.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	785C99
RGB	120, 92, 153
RGB Percent	47%, 36%, 60%
CMY	0.5294, 0.6392, 0.4000
CMYK	0.22, 0.40, 0.00, 0.40
HSL	268°, 25%, 48%
HSV	268°, 40%, 60%
XYZ	17.3226, 13.9473, 31.9161
YIQ	107.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

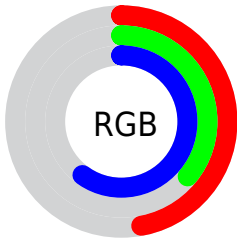
Format	Color
R_{YB}	120, 92, 153
Decimal	7888025
CIE _{Lab}	44.16, 24.19, -29.14
CIE _{LCh}	44, 37.866, 309.695
Yxy	13.9473, 0.2742, 0.2207
Android (android.graphics.Color)	4286078105 (0xFF785C99)
YUV	107.3260, 22.5173, 11.1151
Hunter-Lab	37.3461, 17.4398, -24.5272

Details

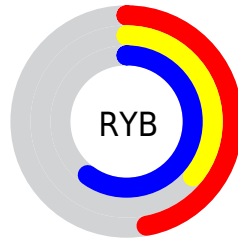
The XYZ color **17.3226, 13.9473, 31.9161** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.7810, 27.9156, 14.3661**, and the grayscale version is **14.0060, 14.7354, 16.0469**.

A 20% lighter version of the original color is **38.4412, 33.0832, 64.0341**, and **5.8624, 4.1382, 13.0601** is the 20% darker color. If you saturate the color by 10%, you get **15.0300, 10.9928, 31.4669**, and if you desaturate by 10%, it is **19.9832, 17.4894, 32.4598**.

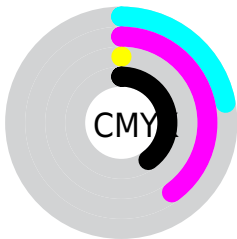
Distribution



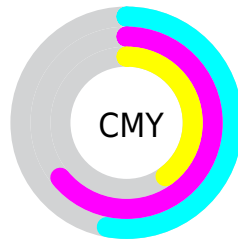
- Red (47%)
- Green (36%)
- Blue (60%)



- Red (47%)
- Yellow (36%)
- Blue (60%)



- Cyan (22%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (53%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3226, 13.9473, 31.9161 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 17.3226, 13.9473, 31.9161 by changing the saturation by 10% instead.

■ 17.3226, 13.9473,
31.9161

■ 17.3226, 13.9473,
31.9161

230.1448,
216.9027, 325.2178

■ 10.5615, 8.0840,
21.0331

■ 38.4188, 32.9955,
63.7759

■ 5.8379, 4.1488,
12.9567

■ 53.4846, 46.9492,
85.5898

■ 2.7865, 1.7571,
7.2684

■ 72.0494, 64.3685,
111.8845

■ 1.0419, 0.4602,
3.5495

■ 94.4784, 85.6378,
143.0785

■ 0.0000, 0.0000,
1.3816

121.1372,
111.1415, 179.5902

■ 0.0000, 0.0000,
0.1273

152.3909,

■ 0.0000, 0.0000,

141.2639, 221.8383

0.0000

188.6050,
176.3895, 270.2414

■ 17.3226, 13.9473,
31.9161

■ 17.3226, 13.9473,
31.9161

■ 15.0300, 10.9928,
31.4669

■ 19.9832, 17.4894,
32.4598

■ 13.0850, 8.5906,
31.1057

■ 23.0274, 21.6484,
33.1021

■ 11.4678, 6.7039,
30.8268

■ 26.4720, 26.4536,
33.8481

■ 10.1551, 5.2907,
30.6232

■ 30.3320, 31.9319,
34.7021

■ 9.1203, 4.3017,
30.4869

■ 34.6216, 38.1087,
35.6682

■ 8.3022, 3.6190,
30.3982

■ 39.3546, 45.0079,
36.7504

■ 8.2921, 3.6105,
30.3971

■ 44.5438, 52.6524,
37.9525

■ 50.2016, 61.0640,
39.2779

■ 56.3399, 70.2637,
40.7301

Harmonies

Analogous

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



14.2588, 13.9473, 38.1892



17.3226, 13.9473, 31.9161



19.4833, 13.9473, 21.7201

Triad

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



17.3226, 13.9473, 31.9161



15.3757, 13.9473, 4.3186



8.3163, 13.9473, 18.1631

Complementary

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



17.3226, 13.9473, 31.9161



21.7810, 27.9156, 14.3661

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.



8.5216, 13.9473, 10.1148



17.3226, 13.9473, 31.9161



12.3023, 13.9473, 3.9834

Square

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



17.3226, 13.9473, 31.9161



18.2461, 13.9473, 6.8475



9.8823, 13.9473, 5.6467



9.2711, 13.9473, 28.4793

Rectangle

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



17.3226, 13.9473, 31.9161



19.9534, 13.9473, 15.2749



9.8823, 13.9473, 5.6467



8.2557, 13.9473, 15.0979

Sweetspot

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



17.3231, 13.9479, 31.9164



45.8801, 45.2288, 60.2839



17.5674, 19.3827, 32.9526



9.9693, 9.7609, 13.2761



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.3231, 13.9479, 31.9164



27.2677, 20.1309, 56.4205



22.1458, 16.4341, 32.1421



6.1404, 6.1582, 7.7940



6.8909, 3.0035, 25.1242



0.1443, 0.0662, 0.3775

Inverse Universe

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



20.6662, 15.9079, 21.3841



34.3425, 24.2835, 33.9217



18.0480, 25.9911, 14.1914



6.3415, 6.2758, 7.1785



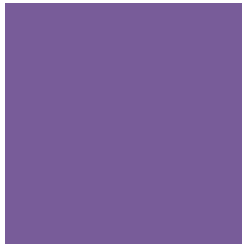
12.1575, 6.1173, 7.3546



0.2001, 0.0988, 0.2066

Previews

White Background



This preview shows how the XYZ color 17.3226, 13.9473, 31.9161 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 17.3226, 13.9473, 31.9161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

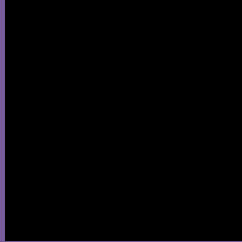
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3226, 13.9473, 31.9161

Background



This preview shows how black text looks on a background with the XYZ color 17.3226, 13.9473, 31.9161.



This preview shows how white text looks on a background with the XYZ color 17.3226, 13.9473,

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

17.3226, 13.9473, 31.9161

Protanopia

14.9391, 14.1481, 36.1259

Deuteranopia

14.3740, 14.1134, 31.2447



Tritanopia

14.0961, 13.8562, 16.3996

Trichromacy



Original Color

17.3226, 13.9473, 31.9161

Protanomaly

15.5437, 13.9137, 34.6673

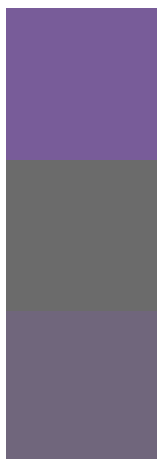
Deuteranomaly

15.2617, 13.9780, 31.5994

Tritanomaly

15.1396, 13.8609, 21.2795

Monochromacy



Original Color

17.3226, 13.9473, 31.9161

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0716, 14.4027, 21.0544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3226, 13.9473, 31.9161 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(120, 92, 153)` looks like.

```
.text, #text, p{  
    color:rgb(120, 92, 153)  
}
```

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(120, 92, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 92, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.3226, 13.9473, 31.9161 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(120, 92, 153) }
```


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

```
.border{ border-color:rgb(120, 92, 153) }
```

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

Here you see how a box with a 4 pixel rgb(120, 92, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 92, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 92, 153);  
box-shadow:4px 4px 4px 4px rgb(120, 92,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3226, 13.9473, 31.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 92, 153) }
```

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

```
.background{ background-color: rgb(120, 92,  
153) }
```

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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