

Converting Colors

XYZ(18.3360, 17.1318, 29.1470)

Have a look what the booklet for
XYZ(18.3360, 17.1318, 29.1470)
contains.

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Color

**XYZ(18.2945, 17.1181,
29.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	776E91
RGB	119, 110, 145
RGB Percent	47%, 43%, 57%
CMY	0.5333, 0.5686, 0.4314
CMYK	0.18, 0.24, 0.00, 0.43
HSL	255°, 14%, 50%
HSV	255°, 24%, 57%
XYZ	18.2945, 17.1181, 29.1280
YIQ	116.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

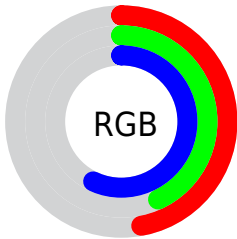
Format	Color
R_{YB}	119, 110, 145
Decimal	7827089
CIE _{Lab}	48.41, 11.07, -17.82
CIE _{LCh}	48, 20.976, 301.842
Yxy	17.1181, 0.2835, 0.2652
Android (android.graphics.Color)	4286017169 (0xFF776E91)
YUV	116.6810, 13.9613, 2.0338
Hunter-Lab	41.3740, 6.5234, -12.7793

Details

The XYZ color **18.2945, 17.1181, 29.1280** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.0938, 26.6113, 18.6719**, and the grayscale version is **16.7699, 17.6432, 19.2135**.

A 20% lighter version of the original color is **40.2424, 38.7348, 59.3884**, and **6.2688, 5.5555, 11.3316** is the 20% darker color. If you saturate the color by 10%, you get **15.4608, 13.5222, 28.5835**, and if you desaturate by 10%, it is **21.5529, 21.3139, 29.7664**.

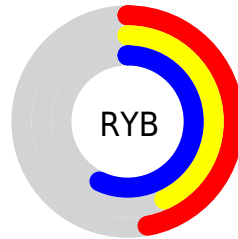
Distribution



Red (47%)

Green (43%)

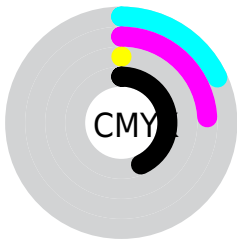
Blue (57%)



Red (47%)

Yellow (43%)

Blue (57%)

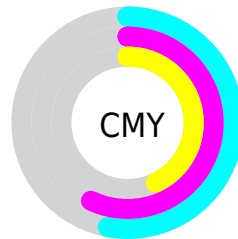


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (57%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2945, 17.1181, 29.1280 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 18.2945, 17.1181, 29.1280 by changing the saturation by 10% instead.

■ 18.2945, 17.1181,
29.1280

■ 18.2945, 17.1181,
29.1280

235.5394,
235.8520, 311.8982

■ 11.2626, 10.3187,
18.9313

■ 40.0647, 38.5287,
59.3250

■ 6.3123, 5.6108,
11.4443

■ 55.5336, 53.9088,
80.1623

■ 3.0784, 2.6099,
6.2486

■ 74.5457, 72.9178,
105.3836

■ 1.1953, 0.9316,
2.9256

■ 97.4662, 95.9403,
135.4074

■ 0.1027, 0.0000,
1.0568

124.6604,
123.3605, 170.6522

■ 0.0000, 0.0000,
0.0000

156.4938,

155.5630, 211.5366

193.3317,
192.9320, 258.4791

■ 18.2945, 17.1181,
29.1280

■ 18.2945, 17.1181,
29.1280

■ 15.4608, 13.5222,
28.5835

■ 21.5529, 21.3139,
29.7664

■ 13.0322, 10.4962,
28.1275

■ 25.2512, 26.1333,
30.5017

■ 10.9898, 8.0109,
27.7554

■ 29.4059, 31.6014,
31.3382

■ 9.3127, 6.0335,
27.4621

■ 34.0323, 37.7413,
32.2795

■ 7.9776, 4.5277,
27.2418

■ 39.1447, 44.5749,
33.3291

6.9586, 3.4518,
27.0879

44.7569, 52.1232,
34.4902

6.2248, 2.7556,
26.9922

50.8822, 60.4061,
35.7661

5.8841, 2.4429,
26.9498

57.5333, 69.4429,
37.1599

64.7226, 79.2521,
38.6743

Harmonies

Analogous

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



16.3891, 17.1181, 31.3137



18.2945, 17.1181, 29.1280



19.7431, 17.1181, 24.0805

Triad

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



18.2945, 17.1181, 29.1280



18.0734, 17.1181, 10.7914



12.8555, 17.1181, 18.9802

Complementary

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



18.2945, 17.1181, 29.1280



23.0938, 26.6113, 18.6719

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.



13.2306, 17.1181, 14.0855



18.2945, 17.1181, 29.1280



16.1520, 17.1181, 9.9497

Square

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



18.2945, 17.1181, 29.1280



19.6086, 17.1181, 13.6033



14.4011, 17.1181, 11.0289



13.3341, 17.1181, 24.7847

Rectangle

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



18.2945, 17.1181, 29.1280



20.2007, 17.1181, 20.1781



14.4011, 17.1181, 11.0289



12.8858, 17.1181, 17.1797

Sweetspot

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



18.2950, 17.1188, 29.1284



43.1429, 44.0828, 54.2085



20.3812, 23.0387, 30.1611



9.5235, 9.7100, 12.0445



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.2950, 17.1188, 29.1284



29.8961, 27.0053, 51.6104



20.8813, 18.4521, 29.2494



5.2515, 5.3179, 6.7784



5.0684, 2.1065, 23.1165



0.0665, 0.0295, 0.2219

Inverse Universe

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



21.6975, 18.9498, 25.8073



37.1353, 30.9049, 44.3748



20.5139, 25.2813, 18.5511



5.5678, 5.4877, 6.4882



12.3355, 6.0912, 12.6838



0.1269, 0.0618, 0.1684

Previews

White Background



This preview shows how the XYZ color 18.2945, 17.1181, 29.1280 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 18.2945, 17.1181, 29.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

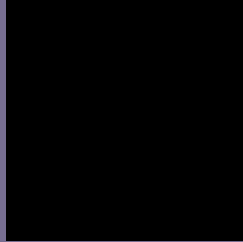
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2945, 17.1181, 29.1280

Background



This preview shows how black text looks on a background with the XYZ color 18.2945, 17.1181, 29.1280.



This preview shows how white text looks on a background with the XYZ color 18.2945, 17.1181,

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

18.2945, 17.1181, 29.1280

Protanopia

17.3065, 17.2369, 30.4319

Deuteranopia

17.4947, 17.2034, 28.7841



Tritanopia

16.6627, 17.1095, 21.1631

Trichromacy



Original Color

18.2945, 17.1181, 29.1280

Protanomaly

17.7271, 17.2963, 30.0080

Deuteranomaly

17.7676, 17.1794, 28.7650

Tritanomaly

17.2043, 17.1620, 23.8786

Monochromacy



Original Color

18.2945, 17.1181, 29.1280

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.3193, 17.4185, 22.5280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2945, 17.1181, 29.1280 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, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(119, 110, 145)  
}
```

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, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 110, 145) }
```

Border

The CSS property to change the border of an element to XYZ 18.2945, 17.1181, 29.1280 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, 110, 145) }
```


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

```
.border{ border-color:rgb(119, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(119, 110,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2945, 17.1181, 29.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 110, 145) }
```

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

```
.background{ background-color: rgb(119,  
110, 145) }
```

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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