

Converting Colors

XYZ(13.9703, 17.3051, 25.2352)

Have a look what the booklet for
XYZ(13.9703, 17.3051, 25.2352)
contains.

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Color

**XYZ(13.9118, 17.1892,
25.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	467B86
RGB	70, 123, 134
RGB Percent	27%, 48%, 53%
CMY	0.7255, 0.5176, 0.4745
CMYK	0.48, 0.08, 0.00, 0.47
HSL	190°, 31%, 40%
HSV	190°, 48%, 53%
XYZ	13.9118, 17.1892, 25.1389
YIQ	108.4070, -35.1190, -7.8150

Conversions

Conversions Part 2

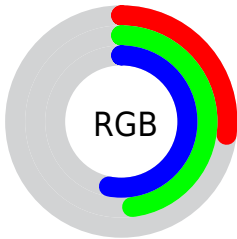
Format	Color
RYB	70, 99, 134
Decimal	4619142
CIELab	48.50, -14.50, -11.49
CIELCh	48, 18.505, 218.391
Yxy	17.1892, 0.2474, 0.3056
Android (android.graphics.Color)	4282809222 (0xFF467B86)
YUV	108.4070, 12.6173, -33.6829
Hunter-Lab	41.4599, -12.6593, -6.9282

Details

The XYZ color **13.9118, 17.1892, 25.1389** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.8798, 11.3957, 7.2629**, and the grayscale version is **14.3413, 15.0882, 16.4310**.

A 20% lighter version of the original color is **32.5210, 38.7761, 52.7842**, and **4.2150, 5.6232, 9.2507** is the 20% darker color. If you saturate the color by 10%, you get **12.7688, 16.1812, 25.0049**, and if you desaturate by 10%, it is **15.2784, 18.3232, 25.2861**.

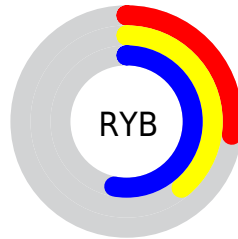
Distribution



Red (27%)

Green (48%)

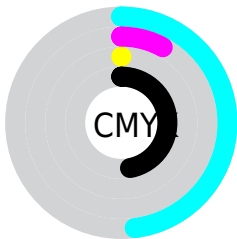
Blue (53%)



Red (27%)

Yellow (39%)

Blue (53%)

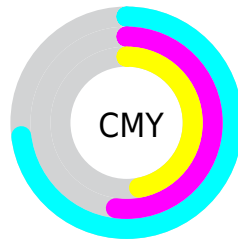


Cyan (48%)

Magenta (8%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9118, 17.1892, 25.1389 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 13.9118, 17.1892, 25.1389 by changing the saturation by 10% instead.

■ 13.9118, 17.1892,
25.1389

■ 13.9118, 17.1892,
25.1389

210.2031,
236.2603, 291.9988

■ 8.1406, 10.3695,
15.9606

■ 32.5200, 38.6508,
52.8494

■ 4.2376, 5.6446,
9.3422

■ 46.0878, 54.0614,
72.2187

■ 1.8374, 2.6302,
4.8652

■ 62.9851, 73.1045,
95.8220

■ 0.5401, 0.9419,
2.1110

■ 83.5774, 96.1645,
124.0780

■ 0.0000, 0.0000,
0.6223

■ 108.2300,
123.6256, 157.4051

■ 0.0000, 0.0000,
0.0000

137.3082,

155.8724, 196.2219

171.1775,
193.2891, 240.9469

■ 13.9118, 17.1892,
25.1389

■ 13.9118, 17.1892,
25.1389

■ 12.7688, 16.1812,
25.0049

■ 15.2784, 18.3232,
25.2861

■ 11.8331, 15.2896,
24.8821

■ 16.8801, 19.5881,
25.4458

■ 11.0889, 14.5066,
24.7702

■ 18.7296, 20.9909,
25.6191

■ 10.5174, 13.8223,
24.6682

■ 20.8384, 22.5374,
25.8064

■ 10.0785, 13.2161,
24.5744

■ 23.2169, 24.2333,
26.0084

■ 9.9844, 13.0838,
24.5538

■ 25.8752, 26.0838,
26.2255

■ 28.8228, 28.0937,
26.4581

■ 32.0688, 30.2679,
26.7067

■ 35.6217, 32.6108,
26.9716

Harmonies

Analogous

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



13.3181, 17.1892, 20.1129



13.9118, 17.1892, 25.1389



15.1655, 17.1892, 28.8161

Triad

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



13.9118, 17.1892, 25.1389



19.5626, 17.1892, 22.3723



15.8664, 17.1892, 10.9109

Complementary

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



13.9118, 17.1892, 25.1389



13.8798, 11.3957, 7.2629

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.



17.5690, 17.1892, 11.3040



13.9118, 17.1892, 25.1389



19.7826, 17.1892, 17.3855

Square

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



13.9118, 17.1892, 25.1389



18.4488, 17.1892, 27.0362



19.0307, 17.1892, 13.4926



14.3944, 17.1892, 12.3064

Rectangle

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



13.9118, 17.1892, 25.1389



16.2464, 17.1892, 29.6956



19.0307, 17.1892, 13.4926



16.4296, 17.1892, 10.8438

Sweetspot

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



13.9123, 17.1899, 25.1393



34.2291, 37.8947, 45.2487



12.5240, 18.9418, 10.7157



7.5609, 8.4260, 10.1806



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.9123, 17.1899, 25.1393



22.4071, 28.4268, 44.0443



10.5990, 10.5631, 24.0348



4.7354, 5.1464, 5.9445



9.3635, 12.2748, 23.0125



0.0369, 0.0514, 0.0812

Inverse Universe

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



15.5973, 10.8792, 20.0174



25.8445, 16.3172, 33.4237



16.8054, 17.2470, 8.2381



4.8245, 4.7495, 5.6879



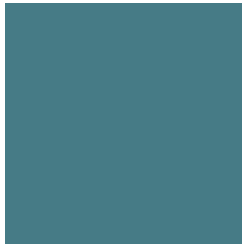
11.9044, 5.8261, 14.6007



0.0435, 0.0211, 0.0624

Previews

White Background



This preview shows how the XYZ color 13.9118, 17.1892, 25.1389 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 13.9118, 17.1892, 25.1389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

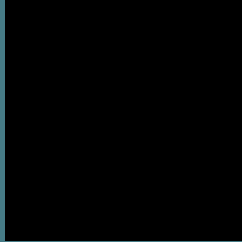
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9118, 17.1892, 25.1389

Background



This preview shows how black text looks on a background with the XYZ color 13.9118, 17.1892, 25.1389.

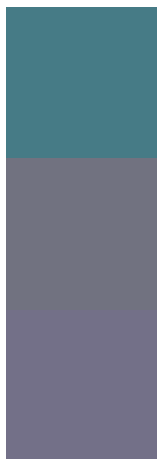


This preview shows how white text looks on a background with the XYZ color 13.9118, 17.1892,

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

13.9118, 17.1892, 25.1389

Protanopia

16.7236, 17.1039, 22.8420

Deuteranopia

17.3083, 17.0108, 25.6637



Tritanopia

13.8424, 17.1615, 24.7732

Trichromacy



Original Color

13.9118, 17.1892, 25.1389

Protanomaly

15.3203, 16.8757, 23.5690

Deuteranomaly

15.7642, 16.8927, 25.3514

Tritanomaly

13.8424, 17.1615, 24.7732

Monochromacy



Original Color

13.9118, 17.1892, 25.1389

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.7321, 15.4743, 19.0927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9118, 17.1892, 25.1389 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(70, 123, 134)` looks like.

```
.text, #text, p{  
  color:rgb(70, 123, 134)  
}
```

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(70, 123, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 123, 134) }
```

Border

The CSS property to change the border of an element to XYZ 13.9118, 17.1892, 25.1389 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(70, 123, 134) }
```


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

```
.border{ border-color:rgb(70, 123, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 123, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 123, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 123, 134);  
box-shadow:4px 4px 4px 4px rgb(70, 123,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9118, 17.1892, 25.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 123, 134) }
```

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

```
.background{ background-color: rgb(70, 123,  
134) }
```

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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