

Converting Colors

XYZ(12.9886, 14.7129, 17.3257)

Have a look what the booklet for
XYZ(12.9886, 14.7129, 17.3257)
contains.

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Color

**XYZ(12.9594, 14.6267,
17.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E6F
RGB	93, 110, 111
RGB Percent	36%, 43%, 44%
CMY	0.6353, 0.5686, 0.5647
CMYK	0.16, 0.01, 0.00, 0.56
HSL	183°, 9%, 40%
HSV	183°, 16%, 44%
XYZ	12.9594, 14.6267, 17.1791
YIQ	105.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

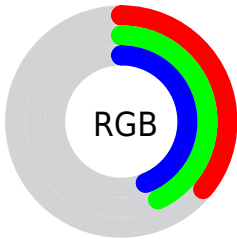
Format	Color
R_{YB}	93, 102, 111
Decimal	6123119
CIE Lab	45.12, -6.10, -2.69
CIE LCh	45, 6.664, 203.847
Yxy	14.6267, 0.2895, 0.3267
Android (android.graphics.Color)	4284313199 (0xFF5D6E6F)
YUV	105.0310, 2.9427, -10.5512
Hunter-Lab	38.2449, -6.4432, 0.1391

Details

The XYZ color **12.9594, 14.6267, 17.1791** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5342, 12.1753, 12.0457**, and the grayscale version is **13.4303, 14.1297, 15.3873**.

A 20% lighter version of the original color is **31.0328, 34.4143, 39.6574**, and **3.7921, 4.4085, 5.3537** is the 20% darker color. If you saturate the color by 10%, you get **11.8504, 13.9571, 17.1085**, and if you desaturate by 10%, it is **14.2329, 15.3826, 17.2581**.

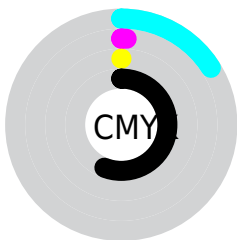
Distribution



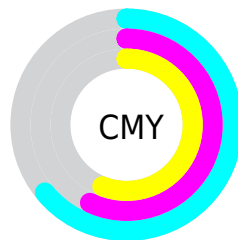
- Red (36%)
- Green (43%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9594, 14.6267, 17.1791 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 12.9594, 14.6267, 17.1791 by changing the saturation by 10% instead.

■ 12.9594, 14.6267,
17.1791

■ 12.9594, 14.6267,
17.1791

204.3002,
221.0955, 248.2812

■ 7.4774, 8.5578,
10.1990

■ 30.8328, 34.1970,
39.4283

■ 3.8114, 4.4539,
5.4237

■ 43.9548, 48.4671,
55.5345

■ 1.5960, 1.9306,
2.4349

■ 60.3543, 66.2398,
75.5197

■ 0.3898, 0.5667,
0.8054

■ 80.3965, 87.8995,
99.8026

■ 0.0000, 0.0000,
0.0000

104.4469,
113.8305, 128.8016

132.8707,

144.4172, 162.9354

166.0333,
180.0441, 202.6224

■ 12.9594, 14.6267,
17.1791

■ 12.9594, 14.6267,
17.1791

■ 11.8504, 13.9571,
17.1085

■ 14.2329, 15.3826,
17.2581

■ 10.8975, 13.3683,
17.0451

■ 15.6761, 16.2262,
17.3449

■ 10.0937, 12.8570,
16.9888

■ 17.2956, 17.1615,
17.4400

■ 9.4309, 12.4190,
16.9392

■ 19.0975, 18.1914,
17.5439

■ 8.9001, 12.0498,
16.8959

■ 21.0872, 19.3189,
17.6566

■ 8.4914, 11.7443,
16.8585

■ 23.2702, 20.5467,
17.7786

■ 8.1936, 11.4965,
16.8263

■ 25.6517, 21.8775,
17.9099

■ 7.9812, 11.2935,
16.7983

■ 28.2365, 23.3138,
18.0509

■ 7.9049, 11.2190,
16.7880

■ 31.0296, 24.8582,
18.2018

Harmonies

Analogous

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



12.8794, 14.6267, 15.6043



12.9594, 14.6267, 17.1791



13.2890, 14.6267, 18.4925

Triad

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



12.9594, 14.6267, 17.1791



14.7717, 14.6267, 17.7759



14.0156, 14.6267, 13.1067

Complementary

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



12.9594, 14.6267, 17.1791



12.5342, 12.1753, 12.0457

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.



14.5340, 14.6267, 13.6087



12.9594, 14.6267, 17.1791



14.9778, 14.6267, 16.2521

Square

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



12.9594, 14.6267, 17.1791



14.3332, 14.6267, 18.8526



14.8897, 14.6267, 14.7353



13.4800, 14.6267, 13.3191

Rectangle

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



12.9594, 14.6267, 17.1791



13.6108, 14.6267, 19.0082



14.8897, 14.6267, 14.7353



14.1978, 14.6267, 13.1964

Sweetspot

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



12.9598, 14.6273, 17.1794



25.7500, 27.7000, 30.9192



12.2148, 14.5027, 12.7220



6.1542, 6.6359, 7.4262



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.9598, 14.6273, 17.1794



22.5187, 25.7795, 30.7189



12.0472, 12.8020, 16.8752



3.4599, 3.7851, 4.3024



9.3087, 13.2078, 19.7803



46.1599, 65.3717, 98.4643

Inverse Universe

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



13.2847, 12.3344, 16.4331



23.2061, 20.9538, 29.1341



13.3719, 13.8507, 12.3250



3.5068, 3.4504, 4.1955



10.7170, 5.1792, 16.1172



53.2794, 25.7571, 79.7264

Previews

White Background



This preview shows how the XYZ color 12.9594, 14.6267, 17.1791 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 12.9594, 14.6267, 17.1791 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

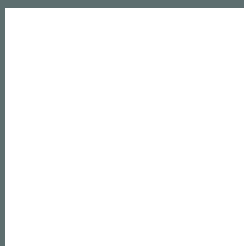
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.9594, 14.6267, 17.1791

Background



This preview shows how black text looks on a background with the XYZ color 12.9594, 14.6267, 17.1791.



This preview shows how white text looks on a background with the XYZ color 12.9594, 14.6267,

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

12.9594, 14.6267, 17.1791

Protanopia

14.0987, 14.6003, 16.5431

Deuteranopia

14.7143, 14.4478, 17.3424



Tritanopia

13.3547, 14.6250, 19.2586

Trichromacy



Original Color

12.9594, 14.6267, 17.1791

Protanomaly

13.6657, 14.5247, 16.8351

Deuteranomaly

14.0225, 14.5421, 17.3971

Tritanomaly

13.1792, 14.5548, 18.3344

Monochromacy



Original Color

12.9594, 14.6267, 17.1791

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2784, 14.3436, 15.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9594, 14.6267, 17.1791 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(93, 110, 111) looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 111)  
}
```

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(93, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 111) }
```

Border

The CSS property to change the border of an element to XYZ 12.9594, 14.6267, 17.1791 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(93, 110, 111) }
```


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

```
.border{ border-color:rgb(93, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9594, 14.6267, 17.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 111) }
```

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

```
.background{ background-color: rgb(93, 110,  
111) }
```

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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