

Converting Colors

XYZ(13.2252, 14.9184, 17.5117)

Have a look what the booklet for
XYZ(13.2252, 14.9184, 17.5117)
contains.

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Color

**XYZ(13.2252, 14.9184,
17.5117)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6F70
RGB	94, 111, 112
RGB Percent	37%, 44%, 44%
CMY	0.6314, 0.5647, 0.5608
CMYK	0.16, 0.01, 0.00, 0.56
HSL	183°, 9%, 40%
HSV	183°, 16%, 44%
XYZ	13.2252, 14.9184, 17.5117
YIQ	106.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

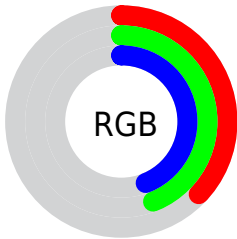
Format	Color
R _Y B	94, 103, 112
Decimal	6188912
CIE Lab	45.52, -6.09, -2.69
CIE LCh	46, 6.656, 203.851
Yxy	14.9184, 0.2897, 0.3268
Android (android.graphics.Color)	4284378992 (0xFF5E6F70)
YUV	106.0310, 2.9427, -10.5512
Hunter-Lab	38.6243, -6.4732, 0.1558

Details

The XYZ color **13.2252, 14.9184, 17.5117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7949, 12.4374, 12.3164**, and the grayscale version is **13.7027, 14.4163, 15.6993**.

A 20% lighter version of the original color is **31.4751, 34.8945, 40.1983**, and **3.9218, 4.5536, 5.5227** is the 20% darker color. If you saturate the color by 10%, you get **12.0916, 14.2341, 17.4396**, and if you desaturate by 10%, it is **14.5268, 15.6908, 17.5924**.

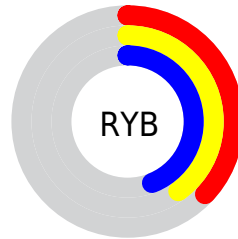
Distribution



Red (37%)

Green (44%)

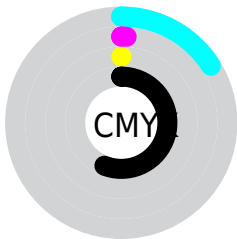
Blue (44%)



Red (37%)

Yellow (40%)

Blue (44%)

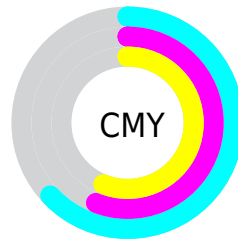


Cyan (16%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (63%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2252, 14.9184, 17.5117 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 13.2252, 14.9184, 17.5117 by changing the saturation by 10% instead.

■ 13.2252, 14.9184,
17.5117

■ 13.2252, 14.9184,
17.5117

205.9645,
222.8718, 250.2471

■ 7.6619, 8.7621,
10.4342

■ 31.3057, 34.7100,
40.0061

■ 3.9293, 4.5864,
5.5784

■ 44.5535, 49.1141,
56.2601

■ 1.6622, 2.0067,
2.5259

■ 61.0936, 67.0362,
76.4100

■ 0.4325, 0.6113,
0.8538

■ 81.2912, 88.8608,
100.8744

■ 0.0000, 0.0000,
0.0000

105.5117,
114.9723, 130.0718

134.1206,

145.7550, 164.4206

167.4830,
181.5934, 204.3396

■ 13.2252, 14.9184,
17.5117

■ 13.2252, 14.9184,
17.5117

■ 12.0916, 14.2341,
17.4396

■ 14.5268, 15.6908,
17.5924

■ 11.1176, 13.6324,
17.3748

■ 16.0019, 16.5529,
17.6811

■ 10.2959, 13.1099,
17.3173

■ 17.6572, 17.5087,
17.7783

■ 9.6183, 12.6624,
17.2666

■ 19.4988, 18.5611,
17.8844

■ 9.0756, 12.2851,
17.2224

■ 21.5323, 19.7133,
17.9996

■ 8.6578, 11.9729,
17.1841

■ 23.7634, 20.9679,
18.1242

■ 8.3532, 11.7198,
17.1513

■ 26.1972, 22.3279,
18.2584

■ 8.1371, 11.5129,
17.1228

■ 28.8389, 23.7956,
18.4025

■ 8.0569, 11.4342,
17.1118

■ 31.6934, 25.3738,
18.5567

Harmonies

Analogous

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



13.1442, 14.9184, 15.9182



13.2252, 14.9184, 17.5117



13.5589, 14.9184, 18.8400

Triad

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



13.2252, 14.9184, 17.5117



15.0592, 14.9184, 18.1150



14.2942, 14.9184, 13.3891

Complementary

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



13.2252, 14.9184, 17.5117



12.7949, 12.4374, 12.3164

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.



14.8187, 14.9184, 13.8974



13.2252, 14.9184, 17.5117



15.2678, 14.9184, 16.5734

Square

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



13.2252, 14.9184, 17.5117



14.6156, 14.9184, 19.2039



15.1786, 14.9184, 15.0382



13.7521, 14.9184, 13.6043

Rectangle

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



13.2252, 14.9184, 17.5117



13.8846, 14.9184, 19.3614



15.1786, 14.9184, 15.0382



14.4785, 14.9184, 13.4799

Sweetspot

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



13.2256, 14.9190, 17.5120



25.7500, 27.7000, 30.9192



12.4716, 14.7927, 13.0010



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.



13.2256, 14.9190, 17.5120



22.5187, 25.7795, 30.7189



12.3023, 13.0723, 17.2042



3.4599, 3.7851, 4.3024



9.3087, 13.2077, 19.7803



46.1598, 65.3715, 98.4642

Inverse Universe

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



13.5544, 12.5983, 16.7569



23.2061, 20.9538, 29.1341



13.6430, 14.1337, 12.5991



3.5068, 3.4504, 4.1955



10.7169, 5.1792, 16.1172



53.2793, 25.7571, 79.7261

Previews

White Background



This preview shows how the XYZ color 13.2252, 14.9184, 17.5117 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 13.2252, 14.9184, 17.5117 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

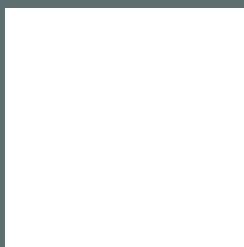
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2252, 14.9184, 17.5117

Background



This preview shows how black text looks on a background with the XYZ color 13.2252, 14.9184, 17.5117.



This preview shows how white text looks on a background with the XYZ color 13.2252, 14.9184,

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

13.2252, 14.9184, 17.5117

Protanopia

14.3788, 14.8924, 16.8685

Deuteranopia

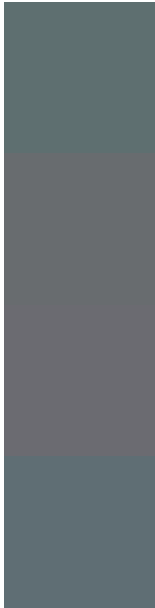
15.0012, 14.7377, 17.6768



Tritanopia

13.6250, 14.9167, 19.6139

Trichromacy



Original Color

13.2252, 14.9184, 17.5117

Protanomaly

13.9407, 14.8159, 17.1639

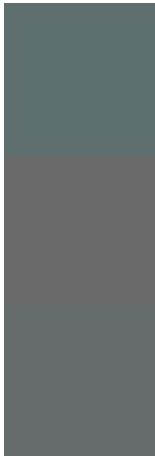
Deuteranomaly

14.3017, 14.8334, 17.7321

Tritanomaly

13.4476, 14.8457, 18.6797

Monochromacy



Original Color

13.2252, 14.9184, 17.5117

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5488, 14.6326, 16.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2252, 14.9184, 17.5117 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(94, 111, 112) looks like.

```
.text, #text, p{  
    color:rgb(94, 111, 112)  
}
```

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(94, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 111, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.2252, 14.9184, 17.5117 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(94, 111, 112) }
```


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

```
.border{ border-color:rgb(94, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(94, 111,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2252, 14.9184, 17.5117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 111, 112) }
```

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

```
.background{ background-color: rgb(94, 111,  
112) }
```

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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