

Converting Colors

XYZ(12.5892, 13.8863, 17.0557)

Have a look what the booklet for
XYZ(12.5892, 13.8863, 17.0557)
contains.

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Color

**XYZ(12.6411, 13.9902,
17.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6B6F
RGB	93, 107, 111
RGB Percent	36%, 42%, 44%
CMY	0.6353, 0.5804, 0.5647
CMYK	0.16, 0.04, 0.00, 0.56
HSL	193°, 9%, 40%
HSV	193°, 16%, 44%
XYZ	12.6411, 13.9902, 17.0731
YIQ	103.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

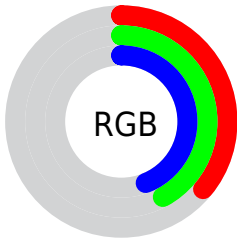
Format	Color
R_{YB}	93, 101, 111
Decimal	6122351
CIE _{Lab}	44.22, -4.34, -4.02
CIE _{LCh}	44, 5.919, 222.817
Yxy	13.9902, 0.2892, 0.3201
Android (android.graphics.Color)	4284312431 (0xFF5D6B6F)
YUV	103.2700, 3.8109, -9.0068
Hunter-Lab	37.4035, -5.1292, -0.8809

Details

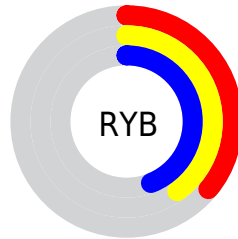
The XYZ color **12.6411, 13.9902, 17.0731** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8061, 12.7192, 12.1362**, and the grayscale version is **12.9559, 13.6307, 14.8438**.

A 20% lighter version of the original color is **30.1654, 32.9377, 39.4181**, and **3.6854, 4.1949, 5.3181** is the 20% darker color. If you saturate the color by 10%, you get **11.3448, 12.9461, 16.9401**, and if you desaturate by 10%, it is **14.1086, 15.1342, 17.2168**.

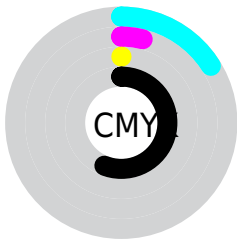
Distribution



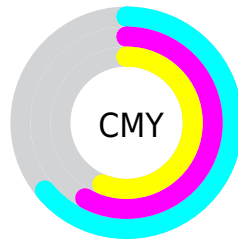
- Red (36%)
- Green (42%)
- Blue (44%)



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



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6411, 13.9902, 17.0731 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 12.6411, 13.9902, 17.0731 by changing the saturation by 10% instead.

■ 12.6411, 13.9902,
17.0731

■ 12.6411, 13.9902,
17.0731

202.2890,
217.1699, 247.6515

■ 7.2572, 8.1138,
10.1241

■ 30.2643, 33.0716,
39.2438

■ 3.6712, 4.1679,
5.3746

■ 43.2343, 47.0455,
55.3026

■ 1.5179, 1.7679,
2.4062

■ 59.4637, 64.4874,
75.2350

■ 0.3379, 0.4671,
0.7898

■ 79.3178, 85.7816,
99.4597

■ 0.0000, 0.0000,
0.0000

103.1621,
111.3125, 128.3952

131.3618,

141.4646, 162.4599

164.2823,
176.6223, 202.0725

■ 12.6411, 13.9902,
17.0731

■ 12.6411, 13.9902,
17.0731

■ 11.3448, 12.9461,
16.9401

■ 14.1086, 15.1342,
17.2168

■ 10.2115, 11.9964,
16.8165

■ 15.7529, 16.3800,
17.3706

■ 9.2341, 11.1378,
16.7023

■ 17.5805, 17.7313,
17.5351

■ 8.4043, 10.3659,
16.5971

■ 19.5974, 19.1914,
17.7106

■ 7.7131, 9.6760,
16.5003

■ 21.8093, 20.7632,
17.8974

7.1507, 9.0629,
16.4116

24.2216, 22.4496,
18.0958

6.7056, 8.5206,
16.3304

26.8396, 24.2535,
18.3060

6.3524, 8.0359,
16.2555

29.6683, 26.1775,
18.5283

6.2245, 7.8581,
16.2279

32.7125, 28.2242,
18.7629

Harmonies

Analogous

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



12.4298, 13.9902, 15.8182



12.6411, 13.9902, 17.0731



13.0303, 13.9902, 17.8599

Triad

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



12.6411, 13.9902, 17.0731



14.1854, 13.9902, 16.0156



13.0965, 13.9902, 12.8312

Complementary

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



12.6411, 13.9902, 17.0731



12.8061, 12.7192, 12.1362

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.



13.5678, 13.9902, 12.8771



12.6411, 13.9902, 17.0731



14.2041, 13.9902, 14.6623

Square

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



12.6411, 13.9902, 17.0731



13.9252, 13.9902, 17.2250



13.9758, 13.9902, 13.5300



12.6885, 13.9902, 13.4008

Rectangle

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



12.6411, 13.9902, 17.0731



13.3420, 13.9902, 17.9860



13.9758, 13.9902, 13.5300



13.2526, 13.9902, 12.7762

Sweetspot

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



12.6415, 13.9908, 17.0734



25.5660, 27.3320, 30.8579



12.3519, 14.5575, 13.4439



6.1053, 6.5382, 7.4099



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.



12.6415, 13.9908, 17.0734



21.8367, 24.4157, 30.4916



11.7607, 12.2292, 16.7798



3.4152, 3.6956, 4.2875



7.3153, 9.2208, 19.1158



35.7806, 44.6131, 95.0045

Inverse Universe

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



13.1240, 12.2700, 15.5872



22.8619, 20.8161, 27.3215



13.6753, 14.4576, 12.4259



3.4842, 3.4414, 4.0767



9.7107, 4.7767, 10.8186



48.0404, 23.6615, 52.1381

Previews

White Background



This preview shows how the XYZ color 12.6411, 13.9902, 17.0731 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 12.6411, 13.9902, 17.0731 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

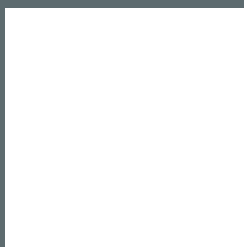
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.6411, 13.9902, 17.0731

Background



This preview shows how black text looks on a background with the XYZ color 12.6411, 13.9902, 17.0731.



This preview shows how white text looks on a background with the XYZ color 12.6411, 13.9902,

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

12.6411, 13.9902, 17.0731

Protanopia

13.5363, 14.0080, 16.4584

Deuteranopia

14.1339, 13.8567, 17.2589



Tritanopia

12.8646, 13.9256, 18.2295

Trichromacy



Original Color

12.6411, 13.9902, 17.0731

Protanomaly

13.2329, 13.9956, 16.7558

Deuteranomaly

13.4838, 13.8134, 17.2848

Tritanomaly

12.8074, 13.9027, 17.9280

Monochromacy



Original Color

12.6411, 13.9902, 17.0731

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.6974, 13.5939, 15.5903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6411, 13.9902, 17.0731 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, 107, 111) looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 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, 107, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 111) }
```

Border

The CSS property to change the border of an element to XYZ 12.6411, 13.9902, 17.0731 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, 107, 111) }
```


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

```
.border{ border-color:rgb(93, 107, 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, 107, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 111);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6411, 13.9902, 17.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 111) }
```

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

```
.background{ background-color: rgb(93, 107,  
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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