

Converting Colors

XYZ(12.5933, 14.5727, 14.7194)

Have a look what the booklet for
XYZ(12.5933, 14.5727, 14.7194)
contains.

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Color

**XYZ(12.6988, 14.7079,
14.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6F66
RGB	94, 111, 102
RGB Percent	37%, 44%, 40%
CMY	0.6314, 0.5647, 0.6000
CMYK	0.15, 0.00, 0.08, 0.56
HSL	148°, 8%, 40%
HSV	148°, 15%, 44%
XYZ	12.6988, 14.7079, 14.7400
YIQ	104.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

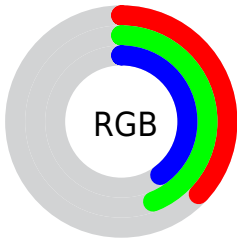
Format	Color
R_{YB}	94, 106, 111
Decimal	6188902
CIE _{Lab}	45.23, -8.32, 2.88
CIE _{LCh}	45, 8.803, 160.915
Yxy	14.7079, 0.3013, 0.3490
Android (android.graphics.Color)	4284378982 (0xFF5E6F66)
YUV	104.8910, -1.4253, -9.5514
Hunter-Lab	38.3509, -8.0089, 4.0578

Details

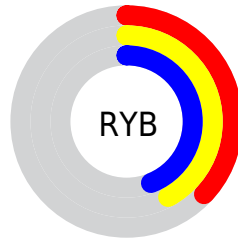
The XYZ color **12.6988, 14.7079, 14.7400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0069, 12.3645, 14.5336**, and the grayscale version is **13.4032, 14.1012, 15.3563**.

A 20% lighter version of the original color is **30.5240, 34.5140, 35.1901**, and **3.6860, 4.4592, 4.2809** is the 20% darker color. If you saturate the color by 10%, you get **11.3603, 14.0508, 13.2096**, and if you desaturate by 10%, it is **14.2226, 15.4590, 16.3876**.

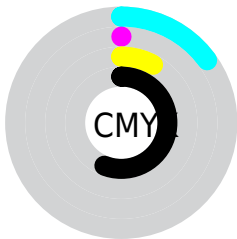
Distribution



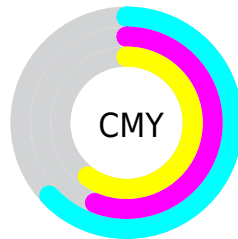
- Red (37%)
- Green (44%)
- Blue (40%)



- Red (37%)
- Yellow (42%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (63%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6988, 14.7079, 14.7400 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 12.6988, 14.7079, 14.7400 by changing the saturation by 10% instead.

■ 12.6988, 14.7079,
14.7400

■ 12.6988, 14.7079,
14.7400

202.6551,
221.5913, 233.3734

■ 7.2970, 8.6146,
8.4925

■ 30.3675, 34.3399,
35.1322

■ 3.6965, 4.4907,
4.3194

■ 43.3652, 48.6475,
50.1141

■ 1.5319, 1.9517,
1.8022

■ 59.6256, 66.4619,
68.8445

■ 0.3474, 0.5792,
0.4294

■ 79.5140, 88.1677,
91.7419

■ 0.0000, 0.0000,
0.0000

103.3958,
114.1491, 119.2250

131.6363,

144.7906, 151.7123

164.6009,
180.4765, 189.6222

■ 12.6988, 14.7079,
14.7400

■ 12.6988, 14.7079,
14.7400

■ 11.3603, 14.0508,
13.2096

■ 14.2226, 15.4590,
16.3876

■ 10.1983, 13.4819,
11.7928

■ 15.9373, 16.3056,
18.1539

■ 9.2055, 12.9980,
10.4873

■ 17.8500, 17.2518,
20.0416

■ 8.3734, 12.5946,
9.2904

■ 19.9668, 18.3008,
22.0530

■ 7.6925, 12.2671,
8.1991

■ 22.2939, 19.4555,
24.1905

■ 7.1526, 12.0101,
7.2104

■ 24.8369, 20.7190,
26.4561

■ 6.7421, 11.8177,
6.3211

■ 27.6013, 22.0939,
28.8521

■ 6.4390, 11.6787,
5.5273

■ 30.5925, 23.5831,
31.3806

■ 6.3098, 11.6195,
5.1865

■ 33.8155, 25.1890,
34.0435

Harmonies

Analogous

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



13.0832, 14.7079, 13.1740



12.6988, 14.7079, 14.7400



12.6505, 14.7079, 16.7850

Triad

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



12.6988, 14.7079, 14.7400



14.2459, 14.7079, 20.2786



15.0633, 14.7079, 13.5315

Complementary

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



12.6988, 14.7079, 14.7400



13.0069, 12.3645, 14.5336

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.



15.3983, 14.7079, 15.2678



12.6988, 14.7079, 14.7400



14.9157, 14.7079, 19.2363

Square

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



12.6988, 14.7079, 14.7400



13.5270, 14.7079, 20.1062



15.3434, 14.7079, 17.3602



14.4418, 14.7079, 12.5192

Rectangle

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



12.6988, 14.7079, 14.7400



12.8134, 14.7079, 18.1619



15.3434, 14.7079, 17.3602



15.2141, 14.7079, 14.0432

Sweetspot

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



12.6992, 14.7085, 14.7403



25.5190, 27.7063, 29.3985



13.3065, 15.0653, 12.7964



6.0930, 6.6376, 7.0229



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.



12.6992, 14.7085, 14.7403



21.9430, 25.9453, 25.5016



13.1392, 14.8845, 17.0571



3.4043, 3.7869, 3.9354



7.4220, 13.6863, 6.0428



36.5431, 68.0059, 27.8428

Inverse Universe

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



13.0069, 12.3645, 14.5336



22.5943, 20.9843, 25.0640



12.6046, 12.2036, 12.4148



3.4514, 3.4283, 3.9037



8.6349, 4.3463, 5.1533



42.5753, 21.4754, 23.3595

Previews

White Background



This preview shows how the XYZ color 12.6988, 14.7079, 14.7400 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 12.6988, 14.7079, 14.7400 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

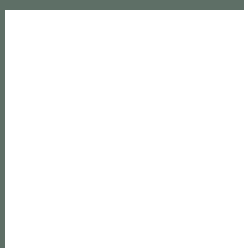
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.6988, 14.7079, 14.7400

Background



This preview shows how black text looks on a background with the XYZ color 12.6988, 14.7079, 14.7400.



This preview shows how white text looks on a background with the XYZ color 12.6988, 14.7079,

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

12.6988, 14.7079, 14.7400

Protanopia

13.8847, 14.5432, 14.1319

Deuteranopia

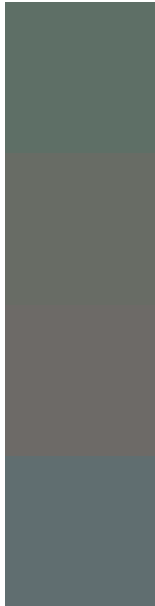
14.8202, 14.5515, 15.1243



Tritanopia

13.6093, 14.7630, 18.9619

Trichromacy



Original Color

12.6988, 14.7079, 14.7400

Protanomaly

13.4204, 14.6078, 14.4242

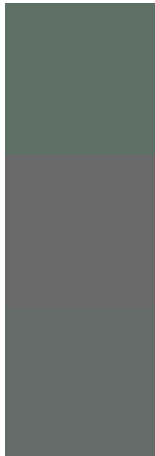
Deuteranomaly

13.9089, 14.5386, 14.9051

Tritanomaly

13.3244, 14.8085, 17.4853

Monochromacy



Original Color

12.6988, 14.7079, 14.7400

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.1232, 14.2816, 15.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6988, 14.7079, 14.7400 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, 102) looks like.

```
.text, #text, p{  
    color:rgb(94, 111, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 111, 102) }
```

Border

The CSS property to change the border of an element to XYZ 12.6988, 14.7079, 14.7400 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, 102) }
```


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

```
.border{ border-color:rgb(94, 111, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 111,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6988, 14.7079, 14.7400 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, 102) }
```

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

```
.background{ background-color: rgb(94, 111,  
102) }
```

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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