

Converting Colors

XYZ(14.6132, 13.7675, 14.9626)

Have a look what the booklet for
XYZ(14.6132, 13.7675, 14.9626)
contains.

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Color

**XYZ(14.6121, 13.7279,
14.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	786268
RGB	120, 98, 104
RGB Percent	47%, 38%, 41%
CMY	0.5294, 0.6157, 0.5922
CMYK	0.00, 0.18, 0.13, 0.53
HSL	344°, 10%, 43%
HSV	344°, 18%, 47%
XYZ	14.6121, 13.7279, 14.9763
YIQ	105.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

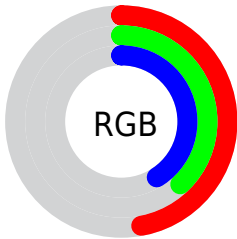
Format	Color
R_{YB}	120, 98, 104
Decimal	7889512
CIE Lab	43.84, 9.92, -0.07
CIE LCh	44, 9.920, 359.616
Yxy	13.7279, 0.3373, 0.3169
Android (android.graphics.Color)	4286079592 (0xFF786268)
YUV	105.2620, -0.6222, 12.9252
Hunter-Lab	37.0512, 5.5566, 1.9705

Details

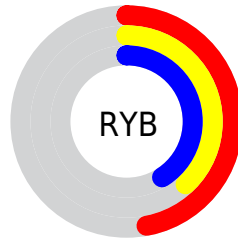
The XYZ color **14.6121, 13.7279, 14.9763** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7913, 17.2449, 18.4694**, and the grayscale version is **13.4981, 14.2011, 15.4650**.

A 20% lighter version of the original color is **33.6771, 32.6321, 35.5340**, and **4.5209, 4.0027, 4.4052** is the 20% darker color. If you saturate the color by 10%, you get **13.1518, 11.4803, 12.4143**, and if you desaturate by 10%, it is **16.2874, 16.3318, 17.8368**.

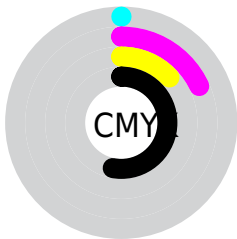
Distribution



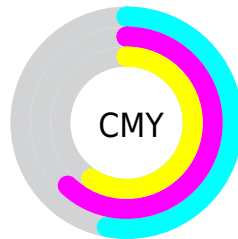
- Red (47%)
- Green (38%)
- Blue (41%)



- Red (47%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6121, 13.7279, 14.9763 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 14.6121, 13.7279, 14.9763 by changing the saturation by 10% instead.

■ 14.6121, 13.7279,
14.9763

■ 14.6121, 13.7279,
14.9763

214.4415,
215.5315, 234.8586

■ 8.6321, 7.9317,
8.6563

■ 33.7485, 32.6054,
35.5533

■ 4.5572, 4.0512,
4.4240

■ 47.6357, 46.4555,
50.6474

■ 2.0219, 1.7023,
1.8607

■ 64.8893, 63.7590,
69.5033

■ 0.6462, 0.4251,
0.4675

■ 85.8747, 84.9003,
92.5395

■ 0.0000, 0.0000,
0.0000

110.9573,
110.2638, 120.1746

140.5023,

140.2339, 152.8272

174.8753,
175.1950, 190.9156

■ 14.6121, 13.7279,
14.9763

■ 14.6121, 13.7279,
14.9763

■ 13.1518, 11.4803,
12.4143

■ 16.2874, 16.3318,
17.8368

■ 11.8965, 9.5717,
10.1400

■ 18.1850, 19.3046,
21.0042

■ 10.8371, 7.9861,
8.1435

■ 20.3130, 22.6608,
24.4877

■ 9.9634, 6.7053,
6.4137

■ 22.6791, 26.4134,
28.2959

■ 9.2642, 5.7096,
4.9388

■ 25.2902, 30.5747,
32.4371

8.7268, 4.9766,
3.7061

28.1533, 35.1566,
36.9190

8.3371, 4.4810,
2.7017

31.2749, 40.1706,
41.7494

8.0588, 4.1531,
1.9035

34.6614, 45.6274,
46.9358

8.0164, 4.1013,
1.7874

38.3189, 51.5377,
52.4851

Harmonies

Analogous

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



14.3903, 13.7279, 17.2360



14.6121, 13.7279, 14.9763



14.4011, 13.7279, 12.9162

Triad

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



14.6121, 13.7279, 14.9763



12.3180, 13.7279, 11.5035



12.3012, 13.7279, 18.9839

Complementary

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



14.6121, 13.7279, 14.9763



14.7913, 17.2449, 18.4694

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.



11.7824, 13.7279, 17.1810



14.6121, 13.7279, 14.9763



11.7918, 13.7279, 12.8708

Square

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



14.6121, 13.7279, 14.9763



13.0581, 13.7279, 11.0370



11.5996, 13.7279, 14.9184



13.0379, 13.7279, 19.6868

Rectangle

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



14.6121, 13.7279, 14.9763



14.0479, 13.7279, 11.8977



11.5996, 13.7279, 14.9184



12.0966, 13.7279, 18.4781

Sweetspot

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



14.6125, 13.7285, 14.9766



29.6740, 30.3302, 33.0994



14.6674, 13.6539, 19.6319



6.9886, 7.1193, 7.7707



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6125, 13.7285, 14.9766



24.5745, 22.4074, 24.3818



14.7779, 14.5296, 13.5816



4.0391, 4.0313, 4.4033



8.7399, 4.4721, 1.9211



41.3770, 21.2071, 7.5154

Inverse Universe

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



14.6125, 13.7285, 14.9766



24.5745, 22.4074, 24.3818



14.5850, 16.2679, 20.1408



4.0391, 4.0313, 4.4033



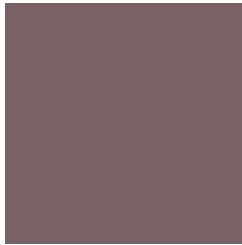
8.7399, 4.4721, 1.9211



41.3770, 21.2071, 7.5154

Previews

White Background



This preview shows how the XYZ color 14.6121, 13.7279, 14.9763 looks on a white background.

Color Contrast Check

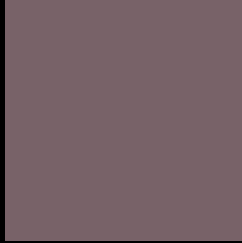
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6121, 13.7279, 14.9763 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 14.6121, 13.7279, 14.9763

Background



This preview shows how black text looks on a background with the XYZ color 14.6121, 13.7279, 14.9763.



This preview shows how white text looks on a background with the XYZ color 14.6121, 13.7279,

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

14.6121, 13.7279, 14.9763

Protanopia

13.3298, 13.7653, 15.8643

Deuteranopia

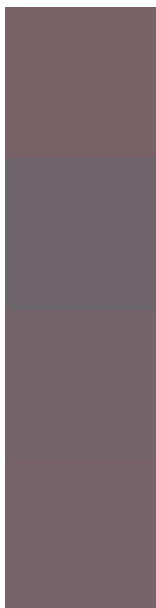
13.9953, 13.6912, 15.0017



Tritanopia

14.6632, 13.7484, 15.2455

Trichromacy



Original Color

14.6121, 13.7279, 14.9763

Protanomaly

13.6856, 13.6630, 15.5516

Deuteranomaly

14.1630, 13.6362, 14.9823

Tritanomaly

14.6632, 13.7484, 15.2455

Monochromacy



Original Color

14.6121, 13.7279, 14.9763

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7316, 13.8377, 15.3118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6121, 13.7279, 14.9763 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(120, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(120, 98, 104)  
}
```

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(120, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 98, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.6121, 13.7279, 14.9763 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(120, 98, 104) }
```


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

```
.border{ border-color:rgb(120, 98, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 98, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(120, 98,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6121, 13.7279, 14.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 98, 104) }
```

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

```
.background{ background-color: rgb(120, 98,  
104) }
```

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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