

Converting Colors

XYZ(14.4828, 16.1893, 14.9321)

Have a look what the booklet for
XYZ(14.4828, 16.1893, 14.9321)
contains.

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Color

**XYZ(14.4790, 16.1197,
14.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7266
RGB	107, 114, 102
RGB Percent	42%, 45%, 40%
CMY	0.5804, 0.5529, 0.6000
CMYK	0.06, 0.00, 0.11, 0.55
HSL	95°, 6%, 42%
HSV	95°, 11%, 45%
XYZ	14.4790, 16.1197, 14.9187
YIQ	110.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

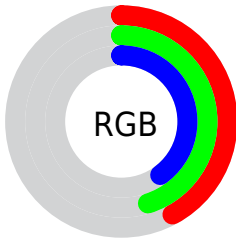
Format	Color
R_{YB}	102, 114, 109
Decimal	7041638
CIE Lab	47.13, -5.08, 5.74
CIE LCh	47, 7.666, 131.514
Yxy	16.1197, 0.3181, 0.3541
Android (android.graphics.Color)	4285231718 (0xFF6B7266)
YUV	110.5390, -4.2097, -3.1037
Hunter-Lab	40.1493, -5.8892, 6.0736

Details

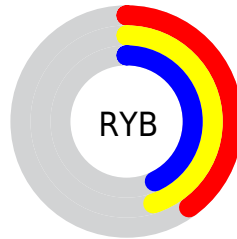
The XYZ color **14.4790, 16.1197, 14.9187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0959, 13.9693, 17.8738**, and the grayscale version is **14.9882, 15.7688, 17.1722**.

A 20% lighter version of the original color is **33.4865, 36.8414, 35.4832**, and **4.5013, 5.1329, 4.3679** is the 20% darker color. If you saturate the color by 10%, you get **13.1831, 15.5130, 12.1070**, and if you desaturate by 10%, it is **15.9151, 16.7906, 18.1436**.

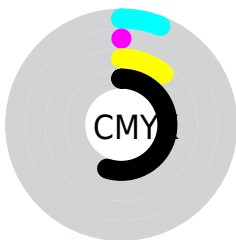
Distribution



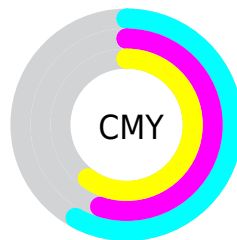
- Red (42%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4790, 16.1197, 14.9187 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 14.4790, 16.1197, 14.9187 by changing the saturation by 10% instead.

■ 14.4790, 16.1197,
14.9187

■ 14.4790, 16.1197,
14.9187

213.6422,
230.0470, 234.4974

■ 8.5385, 9.6089,
8.6164

■ 33.5158, 36.8059,
35.4508

■ 4.4961, 5.1404,
4.3984

■ 47.3427, 51.7501,
50.5176

■ 1.9864, 2.3299,
1.8464

■ 64.5293, 70.2741,
69.3430

■ 0.6263, 0.7895,
0.4583

■ 85.4406, 92.7625,
92.3455

■ 0.0000, 0.0000,
0.0000

110.4423,
119.5996, 119.9436

139.8995,

151.1698, 152.5560

174.1777,
187.8575, 190.6011

■ 14.4790, 16.1197,
14.9187

■ 14.4790, 16.1197,
14.9187

■ 13.1831, 15.5130,
12.1070

■ 15.9151, 16.7906,
18.1436

■ 12.0215, 14.9664,
9.6907

■ 17.4944, 17.5256,
21.7964

■ 10.9899, 14.4787,
7.6524

■ 19.2214, 18.3270,
25.8922

■ 10.0831, 14.0475,
5.9729

■ 21.1001, 19.1967,
30.4454

■ 9.2958, 13.6705,
4.6313

■ 23.1342, 20.1362,
35.4693

■ 8.6219, 13.3451,
3.6047

■ 25.3273, 21.1472,
40.9771

■ 8.0548, 13.0685,
2.8671

■ 27.6831, 22.2311,
46.9812

■ 7.5871, 12.8375,
2.3885

■ 30.2048, 23.3896,
53.4937

■ 7.2128, 12.6513,
2.0618

■ 32.8959, 24.6240,
60.5260

Harmonies

Analogous

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



15.0643, 16.1197, 14.1629



14.4790, 16.1197, 14.9187



14.1258, 16.1197, 16.4019

Triad

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



14.4790, 16.1197, 14.9187



14.9144, 16.1197, 21.3087



16.6254, 16.1197, 16.8218

Complementary

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



14.4790, 16.1197, 14.9187



14.0959, 13.9693, 17.8738

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.



16.5824, 16.1197, 18.7539



14.4790, 16.1197, 14.9187



15.5812, 16.1197, 21.4418

Square

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



14.4790, 16.1197, 14.9187



14.3720, 16.1197, 20.1260



16.1956, 16.1197, 20.4774



16.3115, 16.1197, 15.2067

Rectangle

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



14.4790, 16.1197, 14.9187



14.0630, 16.1197, 17.6498



16.1956, 16.1197, 20.4774



16.6525, 16.1197, 17.4538

Sweetspot

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



14.4794, 16.1204, 14.9191



27.2993, 29.1938, 30.3670



14.8069, 15.4746, 14.7771



6.2718, 6.7321, 6.9288



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.



14.4794, 16.1204, 14.9191



24.7796, 28.0164, 24.7568



13.9455, 15.8394, 15.1546



3.4645, 3.8248, 3.6290



8.0103, 14.0732, 2.2942



38.9666, 69.6220, 11.3846

Inverse Universe

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



14.0959, 13.9693, 17.8738



23.9413, 23.3154, 31.2140



14.6720, 14.2728, 17.6051



3.3865, 3.3876, 4.2296



5.9011, 2.6516, 17.9224



28.3975, 12.6938, 89.2326

Previews

White Background



This preview shows how the XYZ color 14.4790, 16.1197, 14.9187 looks on a white background.

Color Contrast Check

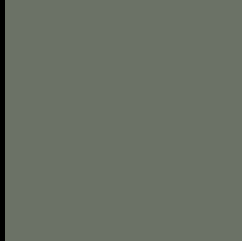
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4790, 16.1197, 14.9187 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

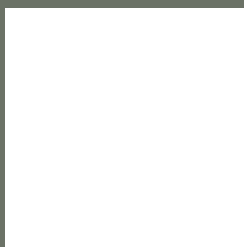
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4790, 16.1197, 14.9187

Background



This preview shows how black text looks on a background with the XYZ color 14.4790, 16.1197, 14.9187.

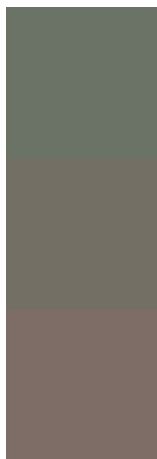


This preview shows how white text looks on a background with the XYZ color 14.4790, 16.1197,

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

14.4790, 16.1197, 14.9187

Protanopia

15.2359, 16.0215, 14.6014

Deuteranopia

16.4149, 16.1400, 15.0821



Tritanopia

15.5050, 16.0399, 20.0481

Trichromacy



Original Color

14.4790, 16.1197, 14.9187

Protanomaly

14.9532, 16.0386, 14.6196

Deuteranomaly

15.6319, 16.0531, 15.1066

Tritanomaly

15.0815, 16.0318, 17.9224

Monochromacy



Original Color

14.4790, 16.1197, 14.9187

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9314, 15.9860, 16.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4790, 16.1197, 14.9187 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(107, 114, 102) looks like.

```
.text, #text, p{  
    color:rgb(107, 114, 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(107, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 114, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.4790, 16.1197, 14.9187 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(107, 114, 102) }
```


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

```
.border{ border-color:rgb(107, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 114,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4790, 16.1197, 14.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 114, 102) }
```

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

```
.background{ background-color: rgb(107,  
114, 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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