

Converting Colors

XYZ(14.6954, 14.3122, 15.5222)

Have a look what the booklet for
XYZ(14.6954, 14.3122, 15.5222)
contains.

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Color

**XYZ(14.6890, 14.3253,
15.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	75666A
RGB	117, 102, 106
RGB Percent	46%, 40%, 42%
CMY	0.5412, 0.6000, 0.5843
CMYK	0.00, 0.13, 0.09, 0.54
HSL	344°, 7%, 43%
HSV	344°, 13%, 46%
XYZ	14.6890, 14.3253, 15.6265
YIQ	106.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

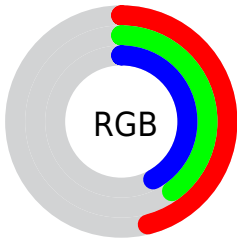
Format	Color
R_{YB}	117, 102, 106
Decimal	7693930
CIE Lab	44.70, 6.70, -0.06
CIE LCh	45, 6.701, 359.452
Yxy	14.3253, 0.3290, 0.3209
Android (android.graphics.Color)	4285884010 (0xFF75666A)
YUV	106.9410, -0.4639, 8.8217
Hunter-Lab	37.8488, 3.0400, 2.0153

Details

The XYZ color **14.6890, 14.3253, 15.6265** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8220, 16.7399, 18.0736**, and the grayscale version is **13.9589, 14.6858, 15.9929**.

A 20% lighter version of the original color is **33.8392, 33.6518, 36.6102**, and **4.6098, 4.3134, 4.7273** is the 20% darker color. If you saturate the color by 10%, you get **13.1952, 12.0164, 13.0359**, and if you desaturate by 10%, it is **16.3906, 16.9779, 18.5070**.

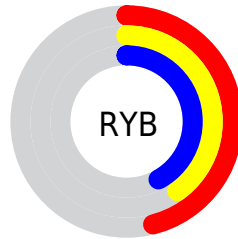
Distribution



Red (46%)

Green (40%)

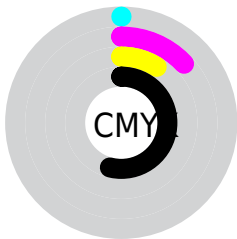
Blue (42%)



Red (46%)

Yellow (40%)

Blue (42%)

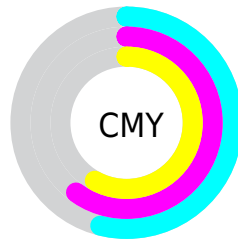


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6890, 14.3253, 15.6265 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 14.6890, 14.3253, 15.6265 by changing the saturation by 10% instead.

■ 14.6890, 14.3253,
15.6265

■ 14.6890, 14.3253,
15.6265

214.9019,
219.2452, 238.8976

■ 8.6863, 8.3473,
9.1088

■ 33.8828, 33.6651,
36.7063

■ 4.5926, 4.3179,
4.7144

■ 47.8046, 47.7957,
52.1054

■ 2.0425, 1.8530,
2.0249

■ 65.0969, 65.4126,
71.3021

■ 0.6577, 0.5199,
0.5705

■ 86.1249, 86.9001,
94.7149

■ 0.0000, 0.0000,
0.0000

111.2541,
112.6428, 122.7622

140.8497,

143.0249, 155.8628

175.2772,
178.4310, 194.4350

■ 14.6890, 14.3253,
15.6265

■ 14.6890, 14.3253,
15.6265

■ 13.1952, 12.0164,
13.0359

■ 16.3906, 16.9779,
18.5070

■ 11.9000, 10.0354,
10.7253

■ 18.3063, 19.9857,
21.6854

■ 10.7950, 8.3677,
8.6853

■ 20.4439, 23.3616,
25.1702

■ 9.8711, 6.9973,
6.9058

■ 22.8103, 27.1178,
28.9694

■ 9.1183, 5.9064,
5.3758

■ 25.4119, 31.2654,
33.0907

■ 8.5253, 5.0756,
4.0837

■ 28.2551, 35.8156,
37.5417

■ 8.0799, 4.4826,
3.0169

■ 31.3460, 40.7786,
42.3294

■ 7.7668, 4.1001,
2.1612

■ 34.6905, 46.1647,
47.4609

■ 7.5859, 3.8818,
1.6586

■ 38.2942, 51.9835,
52.9429

Harmonies

Analogous

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



14.5368, 14.3253, 17.1709



14.6890, 14.3253, 15.6265



14.5473, 14.3253, 14.1704

Triad

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



14.6890, 14.3253, 15.6265



13.1078, 14.3253, 13.1314



13.0909, 14.3253, 18.3232

Complementary

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



14.6890, 14.3253, 15.6265



14.8220, 16.7399, 18.0736

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.



12.7249, 14.3253, 17.1180



14.6890, 14.3253, 15.6265



12.7345, 14.3253, 14.1239

Square

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



14.6890, 14.3253, 15.6265



13.6258, 14.3253, 12.7893



12.5961, 14.3253, 15.5692



13.6058, 14.3253, 18.7900

Rectangle

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



14.6890, 14.3253, 15.6265



14.3073, 14.3253, 13.4300



12.5961, 14.3253, 15.5692



12.9469, 14.3253, 17.9872

Sweetspot

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



14.6894, 14.3259, 15.6268



28.9378, 29.7568, 32.4481



14.7728, 14.2985, 18.8110



6.6074, 6.7699, 7.3832



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.6894, 14.3259, 15.6268



25.5820, 24.5332, 26.7420



14.8375, 14.9471, 14.6743



3.7203, 3.7154, 4.0541



8.3521, 4.2746, 1.7963



40.3899, 20.7061, 7.1168

Inverse Universe

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



14.6894, 14.3259, 15.6268



25.5820, 24.5332, 26.7420



14.6519, 16.0317, 19.1519



3.7203, 3.7154, 4.0541



8.3521, 4.2746, 1.7963



40.3899, 20.7061, 7.1168

Previews

White Background



This preview shows how the XYZ color 14.6890, 14.3253, 15.6265 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 14.6890, 14.3253, 15.6265 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 14.6890, 14.3253, 15.6265

Background



This preview shows how black text looks on a background with the XYZ color 14.6890, 14.3253, 15.6265.



This preview shows how white text looks on a background with the XYZ color 14.6890, 14.3253,

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

14.6890, 14.3253, 15.6265

Protanopia

13.8218, 14.3117, 16.2213

Deuteranopia

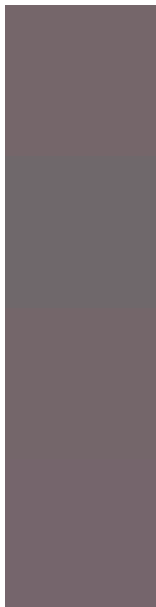
14.5553, 14.2564, 15.6203



Tritanopia

14.7501, 14.1934, 16.4302

Trichromacy



Original Color

14.6890, 14.3253, 15.6265

Protanomaly

14.1597, 14.3417, 15.9318

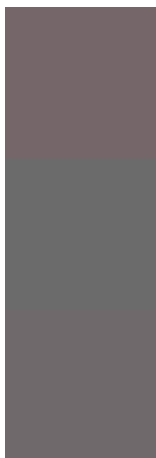
Deuteranomaly

14.5553, 14.2564, 15.6203

Tritanomaly

14.6966, 14.1720, 16.1482

Monochromacy



Original Color

14.6890, 14.3253, 15.6265

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2610, 14.5442, 15.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6890, 14.3253, 15.6265 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(117, 102, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 102, 106)  
}
```

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(117, 102, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 102, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.6890, 14.3253, 15.6265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

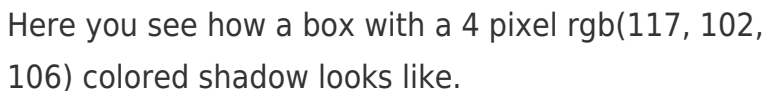
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 102, 106) }
```


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

```
.border{ border-color:rgb(117, 102, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 102, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 102, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 102, 106); box-shadow:4px 4px 4px 4px rgb(117, 102, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6890, 14.3253, 15.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 102, 106) }
```

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

```
.background{ background-color: rgb(117,  
102, 106) }
```

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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