

Converting Colors

XYZ(14.8402, 16.4241, 23.3667)

Have a look what the booklet for
XYZ(14.8402, 16.4241, 23.3667)
contains.

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Color

**XYZ(14.8907, 16.4822,
23.5156)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7482
RGB	94, 116, 130
RGB Percent	37%, 45%, 51%
CMY	0.6314, 0.5451, 0.4902
CMYK	0.28, 0.11, 0.00, 0.49
HSL	203°, 16%, 44%
HSV	203°, 28%, 51%
XYZ	14.8907, 16.4822, 23.5156
YIQ	111.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

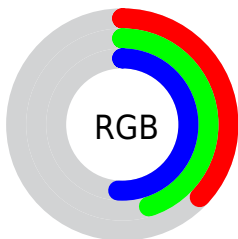
Format	Color
R_{YB}	94, 108, 130
Decimal	6190210
CIE Lab	47.60, -4.60, -10.34
CIE LCh	48, 11.314, 246.021
Yxy	16.4822, 0.2713, 0.3003
Android (android.graphics.Color)	4284380290 (0xFF5E7482)
YUV	111.0180, 9.3581, -14.9248
Hunter-Lab	40.5983, -5.5765, -5.9236

Details

The XYZ color **14.8907, 16.4822, 23.5156** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5889, 16.2789, 12.8577**, and the grayscale version is **15.0924, 15.8784, 17.2916**.

A 20% lighter version of the original color is **34.2269, 37.4439, 50.2232**, and **4.6790, 5.3092, 8.5627** is the 20% darker color. If you saturate the color by 10%, you get **13.1015, 14.7186, 23.2698**, and if you desaturate by 10%, it is **16.9372, 18.4263, 23.7833**.

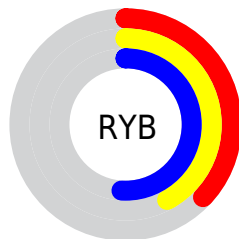
Distribution



Red (37%)

Green (45%)

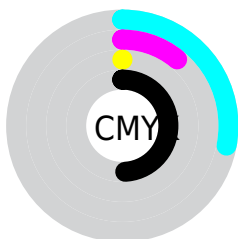
Blue (51%)



Red (37%)

Yellow (42%)

Blue (51%)

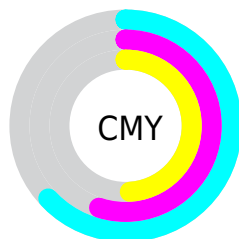


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (49%)



Cyan (63%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8907, 16.4822, 23.5156 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 14.8907, 16.4822, 23.5156 by changing the saturation by 10% instead.

■ 14.8907, 16.4822,
23.5156

■ 14.8907, 16.4822,
23.5156

216.1052,
232.1705, 283.5695

■ 8.8285, 9.8660,
14.7658

■ 34.2346, 37.4333,
50.1724

■ 4.6857, 5.3102,
8.5104

■ 48.2469, 52.5370,
68.9166

■ 2.0969, 2.4304,
4.3308

■ 65.6401, 71.2387,
91.8293

■ 0.6875, 0.8415,
1.8085

■ 86.7794, 93.9228,
119.3290

■ 0.0000, 0.0000,
0.4336

112.0303,
120.9736, 151.8344

■ 0.0000, 0.0000,
0.0000

141.7579,

152.7756, 189.7639

176.3278,
189.7131, 233.5361

■ 14.8907, 16.4822,
23.5156

■ 14.8907, 16.4822,
23.5156

■ 13.1015, 14.7186,
23.2698

■ 16.9372, 18.4263,
23.7833

■ 11.5563, 13.1267,
23.0439

■ 19.2504, 20.5554,
24.0723

■ 10.2429, 11.6999,
22.8378

■ 21.8412, 22.8760,
24.3837

■ 9.1473, 10.4302,
22.6504

■ 24.7191, 25.3938,
24.7180

■ 8.2539, 9.3087,
22.4811

■ 27.8934, 28.1144,
25.0758

■ 7.5448, 8.3254,
22.3286

■ 31.3730, 31.0428,
25.4576

■ 6.9810, 7.4594,
22.1912

■ 35.1662, 34.1841,
25.8641

■ 6.8580, 7.2691,
22.1609

■ 39.2811, 37.5432,
26.2955

■ 43.7256, 41.1245,
26.7526

Harmonies

Analogous

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



14.1488, 16.4822, 21.4155



14.8907, 16.4822, 23.5156



15.8702, 16.4822, 24.0571

Triad

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



14.8907, 16.4822, 23.5156



17.6751, 16.4822, 17.3699



14.5526, 16.4822, 13.8178

Complementary

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



14.8907, 16.4822, 23.5156



16.5889, 16.2789, 12.8577

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.



15.4632, 16.4822, 12.9693



14.8907, 16.4822, 23.5156



17.2876, 16.4822, 14.8736

Square

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



14.8907, 16.4822, 23.5156



17.5058, 16.4822, 20.2999



16.4674, 16.4822, 13.3341



13.9595, 16.4822, 15.7821

Rectangle

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



14.8907, 16.4822, 23.5156



16.5323, 16.4822, 23.4155



16.4674, 16.4822, 13.3341



14.8302, 16.4822, 13.4028

Sweetspot

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



14.8912, 16.4829, 23.5160



33.6907, 36.0081, 42.3671



15.2951, 19.4236, 17.0749



7.4990, 8.0348, 9.5740



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.8912, 16.4829, 23.5160



24.2630, 27.1089, 41.1462



13.0320, 12.7645, 22.8962



4.3104, 4.6148, 5.4768



6.5824, 6.9833, 21.2509



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3614, 14.0125, 18.3662



27.3342, 22.2121, 30.3290



18.6618, 20.4248, 13.5487



4.4295, 4.3849, 5.0662



10.1995, 5.0995, 7.6401



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8907, 16.4822, 23.5156 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 14.8907, 16.4822, 23.5156 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

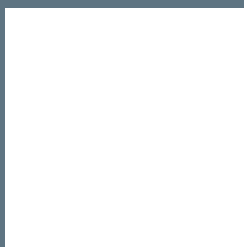
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8907, 16.4822, 23.5156

Background



This preview shows how black text looks on a background with the XYZ color 14.8907, 16.4822, 23.5156.



This preview shows how white text looks on a background with the XYZ color 14.8907, 16.4822,

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

14.8907, 16.4822, 23.5156

Protanopia

16.0553, 16.4356, 22.4049

Deuteranopia

16.7429, 16.4354, 23.7626



Tritanopia

14.6414, 16.5561, 22.1626

Trichromacy



Original Color

14.8907, 16.4822, 23.5156

Protanomaly

15.5103, 16.3118, 22.7531

Deuteranomaly

15.9543, 16.3528, 23.7883

Tritanomaly

14.7063, 16.5820, 22.5042

Monochromacy



Original Color

14.8907, 16.4822, 23.5156

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0008, 16.1215, 19.4607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8907, 16.4822, 23.5156 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, 116, 130) looks like.

```
.text, #text, p{  
    color:rgb(94, 116, 130)  
}
```

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, 116, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 116, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.8907, 16.4822, 23.5156 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, 116, 130) }
```


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

```
.border{ border-color:rgb(94, 116, 130) }
```

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

Here you see how a box with a 4 pixel rgb(94, 116, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 116, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 116, 130);  
box-shadow:4px 4px 4px 4px rgb(94, 116,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8907, 16.4822, 23.5156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 116, 130) }
```

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

```
.background{ background-color: rgb(94, 116,  
130) }
```

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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