

Converting Colors

XYZ(11.3561, 14.1131, 16.0132)

Have a look what the booklet for
XYZ(11.3561, 14.1131, 16.0132)
contains.

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Color

**XYZ(11.3497, 14.1457,
16.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	4B706B
RGB	75, 112, 107
RGB Percent	29%, 44%, 42%
CMY	0.7059, 0.5608, 0.5804
CMYK	0.33, 0.00, 0.04, 0.56
HSL	172°, 20%, 37%
HSV	172°, 33%, 44%
XYZ	11.3497, 14.1457, 16.0421
YIQ	100.3670, -20.4470, -9.3990

Conversions

Conversions Part 2

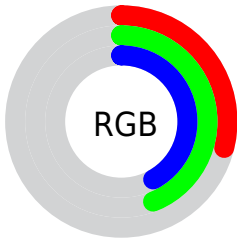
Format	Color
RYB	75, 95, 112
Decimal	4943979
CIELab	44.44, -14.30, -1.42
CIELCh	44, 14.376, 185.683
Yxy	14.1457, 0.2732, 0.3406
Android (android.graphics.Color)	4283134059 (0xFF4B706B)
YUV	100.3670, 3.2701, -22.2469
Hunter-Lab	37.6108, -11.9534, 1.0386

Details

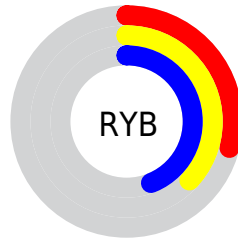
The XYZ color **11.3497, 14.1457, 16.0421** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.6467, 9.0566, 8.7771**, and the grayscale version is **12.2029, 12.8384, 13.9810**.

A 20% lighter version of the original color is **27.9045, 33.3795, 37.3199**, and **3.1279, 4.2399, 4.9285** is the 20% darker color. If you saturate the color by 10%, you get **10.4708, 13.7021, 15.5891**, and if you desaturate by 10%, it is **12.3851, 14.6705, 16.5103**.

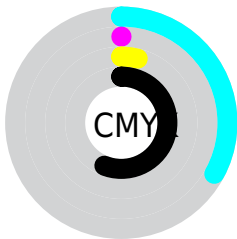
Distribution



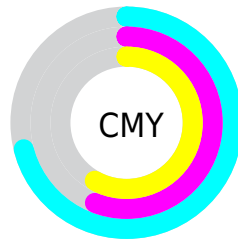
- Red (29%)
- Green (44%)
- Blue (42%)



- Red (29%)
- Yellow (37%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3497, 14.1457, 16.0421 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 11.3497, 14.1457, 16.0421 by changing the saturation by 10% instead.

■ 11.3497, 14.1457,
16.0421

■ 11.3497, 14.1457,
16.0421

193.9104,
218.1354, 241.4442

■ 6.3716, 8.2221,
9.3993

■ 27.9323, 33.3473,
37.4391

■ 3.1151, 4.2374,
4.9022

■ 40.2675, 47.3941,
53.0303

■ 1.2149, 1.8072,
2.1322

■ 55.7857, 64.9174,
72.4414

■ 0.1181, 0.4917,
0.6349

■ 74.8524, 86.3016,
96.0910

■ 0.0000, 0.0000,
0.0000

■ 97.8328, 111.9311,
124.3975

125.0924,

142.1903, 157.7795

156.9965,
177.4636, 196.6556

■ 11.3497, 14.1457,
16.0421

■ 11.3497, 14.1457,
16.0421

■ 10.4708, 13.7021,
15.5891

■ 12.3851, 14.6705,
16.5103

■ 9.7391, 13.3338,
15.1499

■ 13.5832, 15.2787,
16.9932

■ 9.1461, 13.0369,
14.7244

■ 14.9515, 15.9745,
17.4914

■ 8.6820, 12.8063,
14.3121

■ 16.4967, 16.7613,
18.0052

■ 8.3358, 12.6363,
13.9125

■ 18.2248, 17.6423,
18.5351

■ 8.0927, 12.5194,
13.5248

■ 20.1420, 18.6205,
19.0812

■ 7.9457, 12.4493,
13.2599

■ 22.2538, 19.6989,
19.6440

■ 24.5657, 20.8803,
20.2236

■ 27.0829, 22.1674,
20.8204

Harmonies

Analogous

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



11.5171, 14.1457, 12.9237



11.3497, 14.1457, 16.0421



11.7170, 14.1457, 19.4275

Triad

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



11.3497, 14.1457, 16.0421



14.7855, 14.1457, 21.1816



14.3826, 14.1457, 10.2932

Complementary

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



11.3497, 14.1457, 16.0421



10.6467, 9.0566, 8.7771

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.



15.3351, 14.1457, 11.9754



11.3497, 14.1457, 16.0421



15.5770, 14.1457, 18.1790

Square

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



11.3497, 14.1457, 16.0421



13.6667, 14.1457, 22.6557



15.7836, 14.1457, 14.7797



13.2259, 14.1457, 9.8902

Rectangle

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



11.3497, 14.1457, 16.0421



12.2289, 14.1457, 21.2895



15.7836, 14.1457, 14.7797



14.7393, 14.1457, 10.7147

Sweetspot

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



11.3501, 14.1463, 16.0424



24.4976, 27.1633, 30.0918



10.4196, 13.8264, 8.7766



5.8248, 6.4950, 7.2067



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.



11.3501, 14.1463, 16.0424



18.6798, 24.2146, 27.5415



10.2934, 11.5994, 17.0262



3.4565, 3.8078, 4.2103



9.1794, 14.3893, 15.2973



45.4948, 71.5866, 74.9821

Inverse Universe

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



10.6467, 9.0566, 8.7771



17.2327, 13.7295, 12.5846



11.4382, 10.9245, 8.1628



3.4012, 3.4082, 3.6393



7.8200, 4.0204, 0.8619



38.7620, 19.9501, 3.2787

Previews

White Background



This preview shows how the XYZ color 11.3497, 14.1457, 16.0421 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 11.3497, 14.1457, 16.0421 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 11.3497, 14.1457, 16.0421

Background



This preview shows how black text looks on a background with the XYZ color 11.3497, 14.1457, 16.0421.



This preview shows how white text looks on a background with the XYZ color 11.3497, 14.1457,

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

11.3497, 14.1457, 16.0421

Protanopia

13.4619, 14.0057, 14.8258

Deuteranopia

14.3217, 14.1176, 16.4381



Tritanopia

12.0476, 14.1035, 19.5400

Trichromacy



Original Color

11.3497, 14.1457, 16.0421

Protanomaly

12.4757, 13.9478, 15.1314

Deuteranomaly

13.0064, 14.0434, 16.2125

Tritanomaly

11.8395, 14.1845, 18.3335

Monochromacy



Original Color

11.3497, 14.1457, 16.0421

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7129, 13.1040, 14.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3497, 14.1457, 16.0421 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(75, 112, 107)` looks like.

```
.text, #text, p{  
    color:rgb(75, 112, 107)  
}
```

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(75, 112, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 112, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.3497, 14.1457, 16.0421 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(75, 112, 107) }
```


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

```
.border{ border-color:rgb(75, 112, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 112, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 112, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 112, 107);  
box-shadow:4px 4px 4px 4px rgb(75, 112,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3497, 14.1457, 16.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 112, 107) }
```

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

```
.background{ background-color: rgb(75, 112,  
107) }
```

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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