

Converting Colors

XYZ(14.1796, 16.6090, 18.4060)

Have a look what the booklet for
XYZ(14.1796, 16.6090, 18.4060)
contains.

XYZ(14.1318, 16.5515, 18.3695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1318, 16.5515,
18.3695)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7672
RGB	94, 118, 114
RGB Percent	37%, 46%, 45%
CMY	0.6314, 0.5372, 0.5529
CMYK	0.20, 0.00, 0.03, 0.54
HSL	170°, 11%, 42%
HSV	170°, 20%, 46%
XYZ	14.1318, 16.5515, 18.3695
YIQ	110.3680, -13.0200, -6.3320

Conversions

Conversions Part 2

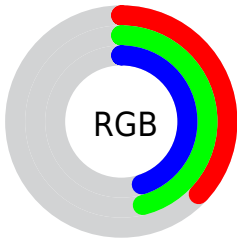
Format	Color
R_{YB}	94, 107, 118
Decimal	6190706
CIE _{Lab}	47.69, -9.64, -0.70
CIE _{LCh}	48, 9.666, 184.163
Yxy	16.5515, 0.2881, 0.3374
Android (android.graphics.Color)	4284380786 (0xFF5E7672)
YUV	110.3680, 1.7906, -14.3547
Hunter-Lab	40.6835, -9.1926, 1.7078

Details

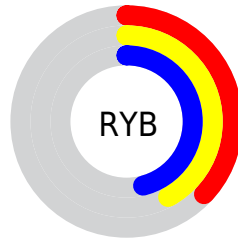
The XYZ color **14.1318, 16.5515, 18.3695** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6791, 12.7392, 13.2940**, and the grayscale version is **14.9249, 15.7021, 17.0996**.

A 20% lighter version of the original color is **32.9347, 37.5224, 41.5831**, and **4.3458, 5.3780, 5.9633** is the 20% darker color. If you saturate the color by 10%, you get **12.9024, 15.9310, 17.7339**, and if you desaturate by 10%, it is **15.5496, 17.2698, 19.0272**.

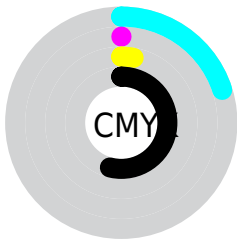
Distribution



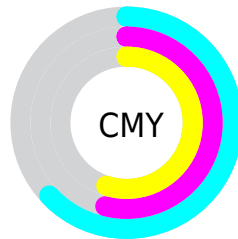
- Red (37%)
- Green (46%)
- Blue (45%)



- Red (37%)
- Yellow (42%)
- Blue (46%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1318, 16.5515, 18.3695 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 14.1318, 16.5515, 18.3695 by changing the saturation by 10% instead.

■ 14.1318, 16.5515,
18.3695

■ 14.1318, 16.5515,
18.3695

211.5435,
232.5744, 255.2513

■ 8.2947, 9.9152,
11.0434

■ 32.9070, 37.5530,
41.4884

■ 4.3375, 5.3428,
5.9815

■ 46.5759, 52.6871,
58.1182

■ 1.8948, 2.4498,
2.7652

■ 63.5860, 71.4225,
78.6864

■ 0.5738, 0.8513,
0.9760

■ 84.3028, 94.1437,
103.6114

■ 0.0000, 0.0000,
0.0000

109.0915,
121.2352, 133.3119

138.3177,

153.0811, 168.2064

172.3465,
190.0661, 208.7133

■ 14.1318, 16.5515,
18.3695

■ 14.1318, 16.5515,
18.3695

■ 12.9024, 15.9310,
17.7339

■ 15.5496, 17.2698,
19.0272

■ 11.8516, 15.4018,
17.1188

■ 17.1622, 18.0877,
19.7063

■ 10.9708, 14.9600,
16.5241

■ 18.9775, 19.0099,
20.4076

■ 10.2502, 14.6004,
15.9493

■ 21.0025, 20.0399,
21.1316

■ 9.6789, 14.3176,
15.3936

■ 23.2440, 21.1812,
21.8786

■ 9.2447, 14.1052,
14.8566

■ 25.7082, 22.4371,
22.6489

■ 8.9334, 13.9559,
14.3375

■ 28.4013, 23.8106,
23.4430

■ 8.6989, 13.8456,
13.8505

■ 31.3292, 25.3049,
24.2612

■ 34.4975, 26.9229,
25.1038

Harmonies

Analogous

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



14.2829, 16.5515, 16.0262



14.1318, 16.5515, 18.3695



14.3963, 16.5515, 20.8287

Triad

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



14.1318, 16.5515, 18.3695



16.6835, 16.5515, 22.2536



16.4671, 16.5515, 14.0686

Complementary

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



14.1318, 16.5515, 18.3695



13.6791, 12.7392, 13.2940

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.



17.1472, 16.5515, 15.4791



14.1318, 16.5515, 18.3695



17.2753, 16.5515, 20.1765

Square

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



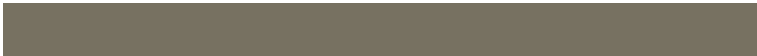
14.1318, 16.5515, 18.3695



15.8527, 16.5515, 23.1975



17.4480, 16.5515, 17.6785



15.6114, 16.5515, 13.6796

Rectangle

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



14.1318, 16.5515, 18.3695



14.7787, 16.5515, 22.1620



17.4480, 16.5515, 17.6785



16.7249, 16.5515, 14.4322

Sweetspot

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



14.1323, 16.5522, 18.3699



28.4855, 30.9452, 33.9501



13.5796, 16.3847, 13.0368



6.5191, 7.0995, 7.7928



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.



14.1323, 16.5522, 18.3699



23.8878, 28.6174, 31.8181



13.5058, 14.9267, 19.3097



3.7584, 4.1453, 4.5614



9.4066, 14.9766, 14.9632



45.5683, 72.8746, 71.4891

Inverse Universe

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



13.6791, 12.7392, 13.2940



22.9524, 20.7429, 21.3375



14.2043, 14.0845, 12.5599



3.7066, 3.7099, 3.9816



8.2127, 4.2188, 1.0625



39.8005, 20.4703, 4.0129

Previews

White Background



This preview shows how the XYZ color 14.1318, 16.5515, 18.3695 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 14.1318, 16.5515, 18.3695 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 14.1318, 16.5515, 18.3695

Background



This preview shows how black text looks on a background with the XYZ color 14.1318, 16.5515, 18.3695.



This preview shows how white text looks on a background with the XYZ color 14.1318, 16.5515,

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

14.1318, 16.5515, 18.3695

Protanopia

15.7336, 16.3809, 17.3715

Deuteranopia

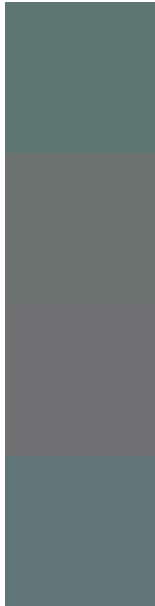
16.6471, 16.3358, 18.7987



Tritanopia

14.8352, 16.4839, 22.1385

Trichromacy



Original Color

14.1318, 16.5515, 18.3695

Protanomaly

15.0053, 16.3303, 17.6904

Deuteranomaly

15.5708, 16.2709, 18.5396

Tritanomaly

14.5935, 16.5606, 20.8397

Monochromacy



Original Color

14.1318, 16.5515, 18.3695

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4833, 15.9010, 17.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1318, 16.5515, 18.3695 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, 118, 114) looks like.

```
.text, #text, p{  
    color:rgb(94, 118, 114)  
}
```

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, 118, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 118, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.1318, 16.5515, 18.3695 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, 118, 114) }
```


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

```
.border{ border-color:rgb(94, 118, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 118, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 118, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 118, 114);  
box-shadow:4px 4px 4px 4px rgb(94, 118,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1318, 16.5515, 18.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 118, 114) }
```

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

```
.background{ background-color: rgb(94, 118,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor