

Converting Colors

XYZ(11.1153, 14.4166, 18.0115)

Have a look what the booklet for
XYZ(11.1153, 14.4166, 18.0115)
contains.

XYZ(11.1546, 14.5005, 18.1306)	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(11.1546, 14.5005,
18.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7372
RGB	62, 115, 114
RGB Percent	24%, 45%, 45%
CMY	0.7569, 0.5490, 0.5529
CMYK	0.46, 0.00, 0.01, 0.55
HSL	179°, 30%, 35%
HSV	179°, 46%, 45%
XYZ	11.1546, 14.5005, 18.1306
YIQ	99.0390, -31.2670, -11.5470

Conversions

Conversions Part 2

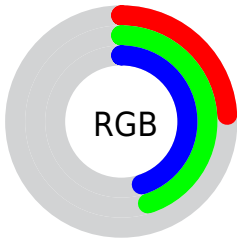
Format	Color
R_{YB}	62, 89, 115
Decimal	4092786
CIE _{Lab}	44.94, -17.88, -4.96
CIE _{LCh}	45, 18.559, 195.494
Yxy	14.5005, 0.2548, 0.3312
Android (android.graphics.Color)	4282282866 (0xFF3E7372)
YUV	99.0390, 7.3758, -32.4832
Hunter-Lab	38.0795, -14.3513, -1.5738

Details

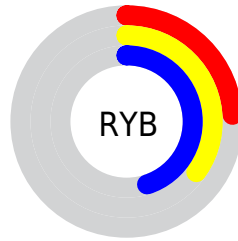
The XYZ color **11.1546, 14.5005, 18.1306** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.6905, 7.4494, 5.6302**, and the grayscale version is **11.8575, 12.4751, 13.5853**.

A 20% lighter version of the original color is **27.5117, 33.9013, 41.1700**, and **3.0531, 4.4399, 5.8503** is the 20% darker color. If you saturate the color by 10%, you get **10.4962, 14.1629, 18.0356**, and if you desaturate by 10%, it is **11.9665, 14.9180, 18.2335**.

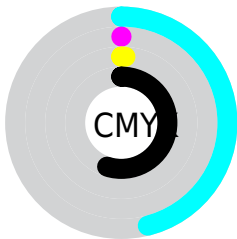
Distribution



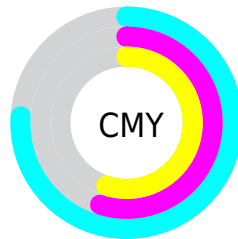
- Red (24%)
- Green (45%)
- Blue (45%)



- Red (24%)
- Yellow (35%)
- Blue (45%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (55%)



- Cyan (76%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1546, 14.5005, 18.1306 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 11.1546, 14.5005, 18.1306 by changing the saturation by 10% instead.

■ 11.1546, 14.5005,
18.1306

■ 11.1546, 14.5005,
18.1306

■ 192.6116,
220.3226, 253.8669

■ 6.2390, 8.4696,
10.8734

■ 27.5761, 33.9745,
41.0767

■ 3.0330, 4.3969,
5.8687

■ 39.8127, 48.1864,
57.6026

■ 1.1712, 1.8979,
2.6979

■ 55.2204, 65.8940,
78.0552

■ 0.0835, 0.5471,
0.9424

■ 74.1644, 87.4818,
102.8530

■ 0.0000, 0.0000,
0.0000

■ 97.0102, 113.3342,
132.4145

■ 124.1231,

143.8355, 167.1583

155.8684,
179.3702, 207.5030

■ 11.1546, 14.5005,
18.1306

■ 11.1546, 14.5005,
18.1306

■ 10.4962, 14.1629,
18.0356

■ 11.9665, 14.9180,
18.2335

■ 9.9804, 13.8984,
17.9472

■ 12.9396, 15.4182,
18.3439

■ 9.5967, 13.7020,
17.8650

■ 14.0825, 16.0059,
18.4623

■ 9.3328, 13.5673,
17.7887

■ 15.4027, 16.6851,
18.5892

■ 9.1632, 13.4813,
17.7169

■ 16.9075, 17.4594,
18.7248

■ 9.1020, 13.4504,
17.6891

■ 18.6036, 18.3323,
18.8696

■ 20.4975, 19.3072,
19.0238

■ 22.5953, 20.3872,
19.1876

■ 24.9029, 21.5754,
19.3615

Harmonies

Analogous

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



11.1433, 14.5005, 13.7844



11.1546, 14.5005, 18.1306



11.8344, 14.5005, 22.5382

Triad

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



11.1546, 14.5005, 18.1306



15.9723, 14.5005, 22.4090



14.5270, 14.5005, 8.9953

Complementary

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



11.1546, 14.5005, 18.1306



9.6905, 7.4494, 5.6302

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.



15.9330, 14.5005, 10.5421



11.1546, 14.5005, 18.1306



16.8082, 14.5005, 17.9781

Square

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



11.1546, 14.5005, 18.1306



14.5775, 14.5005, 25.3005



16.7933, 14.5005, 13.6575



13.0166, 14.5005, 9.0210

Rectangle

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



11.1546, 14.5005, 18.1306



12.6058, 14.5005, 24.6899



16.7933, 14.5005, 13.6575



15.0298, 14.5005, 9.3341

Sweetspot

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



11.1550, 14.5011, 18.1309



25.5997, 28.8578, 33.0970



9.0999, 13.6920, 6.7209



6.0141, 6.8365, 7.8865



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.



11.1550, 14.5011, 18.1309



18.7573, 25.3412, 32.2892



8.7602, 9.6198, 17.6154



3.7805, 4.1541, 4.6779



10.4043, 15.3757, 20.2168



50.6635, 74.9126, 98.3196

Inverse Universe

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



9.6905, 7.4494, 5.6302



15.7923, 11.0581, 6.9756



11.3269, 10.7664, 6.0389



3.6865, 3.7019, 3.8758



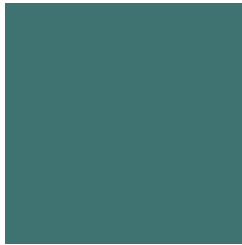
8.0955, 4.1719, 0.4450



39.4144, 20.3159, 1.9795

Previews

White Background



This preview shows how the XYZ color 11.1546, 14.5005, 18.1306 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 11.1546, 14.5005, 18.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

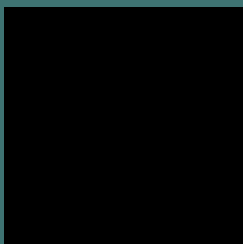
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1546, 14.5005, 18.1306

Background



This preview shows how black text looks on a background with the XYZ color 11.1546, 14.5005, 18.1306.



This preview shows how white text looks on a background with the XYZ color 11.1546, 14.5005,

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

11.1546, 14.5005, 18.1306

Protanopia

13.8218, 14.3117, 16.2213

Deuteranopia

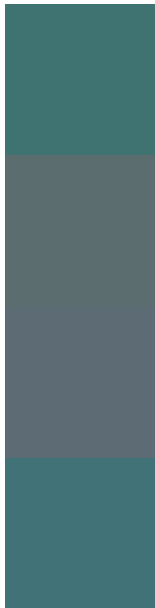
14.6167, 14.3644, 18.8318



Tritanopia

11.7724, 14.5885, 20.9343

Trichromacy



Original Color

11.1546, 14.5005, 18.1306

Protanomaly

12.5975, 14.2872, 16.8456

Deuteranomaly

12.9243, 14.1035, 18.5641

Tritanomaly

11.5218, 14.4807, 19.9571

Monochromacy



Original Color

11.1546, 14.5005, 18.1306

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.3880, 13.0811, 15.0214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1546, 14.5005, 18.1306 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(62, 115, 114)` looks like.

```
.text, #text, p{  
    color:rgb(62, 115, 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(62, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 115, 114) }
```

Border

The CSS property to change the border of an element to XYZ 11.1546, 14.5005, 18.1306 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(62, 115, 114) }
```


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

```
.border{ border-color:rgb(62, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(62, 115,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1546, 14.5005, 18.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 115, 114) }
```

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

```
.background{ background-color: rgb(62, 115,  
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](#).

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