

Converting Colors

XYZ(11.5338, 12.5308, 18.6936)

Have a look what the booklet for
XYZ(11.5338, 12.5308, 18.6936)
contains.

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Color

**XYZ(11.5207, 12.4765,
18.6306)**

Conversions

Conversions Part 1

Format	Color
Hex	546575
RGB	84, 101, 117
RGB Percent	33%, 40%, 46%
CMY	0.6706, 0.6039, 0.5412
CMYK	0.28, 0.14, 0.00, 0.54
HSL	209°, 16%, 39%
HSV	209°, 28%, 46%
XYZ	11.5207, 12.4765, 18.6306
YIQ	97.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

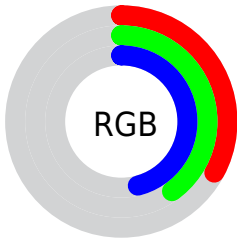
Format	Color
R_{YB}	84, 95, 117
Decimal	5530997
CIE _{Lab}	41.96, -2.40, -11.10
CIE _{LCh}	42, 11.351, 257.817
Yxy	12.4765, 0.2703, 0.2927
Android (android.graphics.Color)	4283721077 (0xFF546575)
YUV	97.7410, 9.4947, -12.0509
Hunter-Lab	35.3221, -3.5939, -6.5470

Details

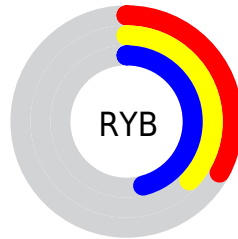
The XYZ color **11.5207, 12.4765, 18.6306** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4937, 13.5364, 10.2894**, and the grayscale version is **11.5253, 12.1255, 13.2047**.

A 20% lighter version of the original color is **28.2212, 30.3894, 41.9144**, and **3.1927, 3.4801, 6.1337** is the 20% darker color. If you saturate the color by 10%, you get **10.0279, 10.9176, 18.4086**, and if you desaturate by 10%, it is **13.2273, 14.2026, 18.8740**.

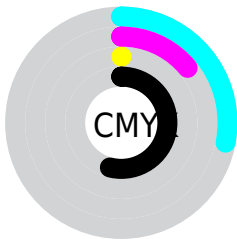
Distribution



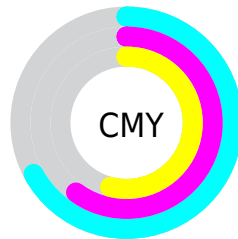
- Red (33%)
- Green (40%)
- Blue (46%)



- Red (33%)
- Yellow (37%)
- Blue (46%)



- Cyan (28%)
- Magenta (14%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5207, 12.4765, 18.6306 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 11.5207, 12.4765, 18.6306 by changing the saturation by 10% instead.

■ 11.5207, 12.4765,
18.6306

■ 11.5207, 12.4765,
18.6306

195.0413,
207.5348, 256.7562

■ 6.4881, 7.0691,
11.2296

■ 28.2436, 30.3600,
41.9373

■ 3.1875, 3.5053,
6.1053

■ 40.6646, 43.6049,
58.6801

■ 1.2537, 1.4009,
2.8394

■ 56.2790, 60.2311,
79.3738

■ 0.1481, 0.2174,
1.0132

■ 75.4524, 80.6229,
104.4371

■ 0.0000, 0.0000,
0.0000

■ 98.5499, 105.1648,
134.2884

125.9370,

134.2412, 169.3463

157.9790,
168.2364, 210.0294

■ 11.5207, 12.4765,
18.6306

■ 11.5207, 12.4765,
18.6306

■ 10.0279, 10.9176,
18.4086

■ 13.2273, 14.2026,
18.8740

■ 8.7382, 9.5185,
18.2065

■ 15.1552, 16.1002,
19.1387

■ 7.6419, 8.2732,
18.0239

■ 17.3133, 18.1749,
19.4254

■ 6.7277, 7.1747,
17.8601

■ 19.7094, 20.4320,
19.7348

■ 5.9832, 6.2154,
17.7141

■ 22.3509, 22.8763,
20.0674

■ 5.3942, 5.3866,
17.5852

■ 25.2449, 25.5124,
20.4236

■ 4.9218, 4.6670,
17.4712

■ 28.3983, 28.3448,
20.8042

■ 4.8413, 4.5451,
17.4519

■ 31.8176, 31.3779,
21.2094

■ 35.5092, 34.6158,
21.6398

Harmonies

Analogous

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



10.8059, 12.4765, 17.3118



11.5207, 12.4765, 18.6306



12.3600, 12.4765, 18.4856

Triad

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



11.5207, 12.4765, 18.6306



13.4649, 12.4765, 12.2170



10.7007, 12.4765, 10.7074

Complementary

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



11.5207, 12.4765, 18.6306



13.4937, 13.5364, 10.2894

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.



11.3708, 12.4765, 9.6371



11.5207, 12.4765, 18.6306



12.9774, 12.4765, 10.4352

Square

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



11.5207, 12.4765, 18.6306



13.5097, 12.4765, 14.5853



12.2029, 12.4765, 9.5437



10.3477, 12.4765, 12.6311

Rectangle

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



11.5207, 12.4765, 18.6306



12.8775, 12.4765, 17.5796



12.2029, 12.4765, 9.5437



10.8948, 12.4765, 10.2463

Sweetspot

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



11.5211, 12.4770, 18.6309



27.1375, 28.8295, 34.2713



12.3155, 15.5268, 14.3920



6.1344, 6.5262, 7.8653



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.



11.5211, 12.4770, 18.6309



18.8048, 20.4464, 33.0924



10.0805, 9.5959, 18.1507



3.6421, 3.8728, 4.6458



5.3184, 4.9765, 19.2228



25.0561, 22.5288, 93.3882

Inverse Universe

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



12.8557, 11.0625, 13.7701



21.6704, 17.6285, 22.6066



15.2340, 17.0170, 10.8695



3.7554, 3.7294, 4.2385



8.9816, 4.5264, 5.1114



43.3339, 21.8837, 22.6196

Previews

White Background



This preview shows how the XYZ color 11.5207, 12.4765, 18.6306 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 11.5207, 12.4765, 18.6306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

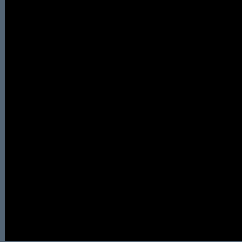
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

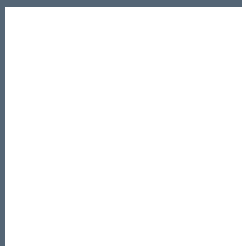
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5207, 12.4765, 18.6306

Background



This preview shows how black text looks on a background with the XYZ color 11.5207, 12.4765, 18.6306.



This preview shows how white text looks on a background with the XYZ color 11.5207, 12.4765,

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

11.5207, 12.4765, 18.6306

Protanopia

12.2861, 12.4600, 17.9771

Deuteranopia

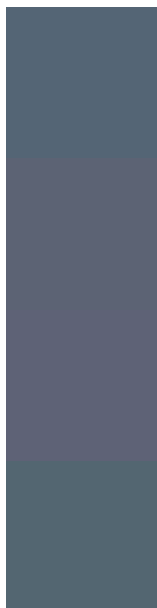
12.6903, 12.5100, 18.8854



Tritanopia

11.1331, 12.4675, 16.5715

Trichromacy



Original Color

11.5207, 12.4765, 18.6306

Protanomaly

12.0279, 12.4599, 18.2941

Deuteranomaly

12.2538, 12.4231, 18.8916

Tritanomaly

11.2993, 12.5340, 17.4466

Monochromacy



Original Color

11.5207, 12.4765, 18.6306

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5258, 12.2708, 15.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5207, 12.4765, 18.6306 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(84, 101, 117) looks like.

```
.text, #text, p{  
    color:rgb(84, 101, 117)  
}
```

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(84, 101, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 101, 117) }
```

Border

The CSS property to change the border of an element to XYZ 11.5207, 12.4765, 18.6306 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(84, 101, 117) }
```


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

```
.border{ border-color:rgb(84, 101, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 101, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 101, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 101, 117);  
box-shadow:4px 4px 4px 4px rgb(84, 101,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5207, 12.4765, 18.6306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 101, 117) }
```

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

```
.background{ background-color: rgb(84, 101,  
117) }
```

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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