

Converting Colors

XYZ(11.8046, 13.6744, 12.5227)

Have a look what the booklet for
XYZ(11.8046, 13.6744, 12.5227)
contains.

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Color

**XYZ(11.7923, 13.6507,
12.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6B5E
RGB	93, 107, 94
RGB Percent	36%, 42%, 37%
CMY	0.6353, 0.5804, 0.6314
CMYK	0.13, 0.00, 0.12, 0.58
HSL	124°, 7%, 39%
HSV	124°, 13%, 42%
XYZ	11.7923, 13.6507, 12.6030
YIQ	101.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

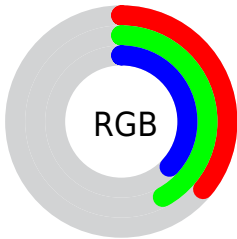
Format	Color
R _Y B	93, 106, 107
Decimal	6122334
CIE Lab	43.73, -8.07, 5.51
CIE LCh	44, 9.771, 145.678
Yxy	13.6507, 0.3099, 0.3588
Android (android.graphics.Color)	4284312414 (0xFF5D6B5E)
YUV	101.3320, -3.6147, -7.3072
Hunter-Lab	36.9469, -7.6853, 5.6383

Details

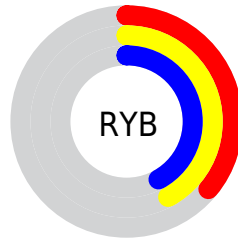
The XYZ color **11.7923, 13.6507, 12.6030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5798, 11.9955, 15.2887**, and the grayscale version is **12.4657, 13.1148, 14.2821**.

A 20% lighter version of the original color is **28.5886, 32.3070, 31.1146**, and **3.3216, 4.0495, 3.4029** is the 20% darker color. If you saturate the color by 10%, you get **10.3666, 12.9644, 10.3568**, and if you desaturate by 10%, it is **13.4277, 14.4393, 15.1593**.

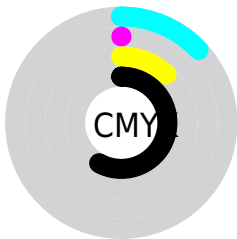
Distribution



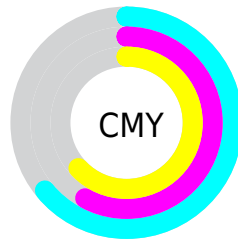
- Red (36%)
- Green (42%)
- Blue (37%)



- Red (36%)
- Yellow (42%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (58%)



- Cyan (64%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7923, 13.6507, 12.6030 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 11.7923, 13.6507, 12.6030 by changing the saturation by 10% instead.

■ 11.7923, 13.6507,
12.6030

■ 11.7923, 13.6507,
12.6030

196.8235,
215.0469, 219.4752

■ 6.6736, 7.8781,
7.0282

■ 28.7364, 32.4680,
31.2693

■ 3.3033, 4.0171,
3.4011

■ 41.2925, 46.2814,
45.1980

■ 1.3161, 1.6831,
1.3029

■ 57.0585, 63.5440,
62.7484

■ 0.1952, 0.4127,
0.0642

■ 76.3997, 84.6400,
84.3391

■ 0.0000, 0.0000,
0.0000

99.6814, 109.9539,
110.3885

127.2690,

139.8701, 141.3154

159.5280,
174.7729, 177.5380

■ 11.7923, 13.6507,
12.6030

■ 11.7923, 13.6507,
12.6030

■ 10.3666, 12.9644,
10.3568

■ 13.4277, 14.4393,
15.1593

■ 9.1411, 12.3745,
8.4080

■ 15.2798, 15.3323,
18.0358

■ 8.1072, 11.8772,
6.7445

■ 17.3563, 16.3340,
21.2436

■ 7.2551, 11.4679,
5.3528

■ 19.6645, 17.4477,
24.7926

■ 6.5744, 11.1413,
4.2185

■ 22.2112, 18.6769,
28.6924

■ 6.0533, 10.8919,
3.3259

■ 25.0030, 20.0248,
32.9525

■ 5.6788, 10.7133,
2.6574

■ 28.0463, 21.4943,
37.5816

■ 5.4334, 10.5968,
2.1929

■ 31.3470, 23.0885,
42.5885

■ 5.2998, 10.5327,
1.9731

■ 34.9112, 24.8102,
47.9814

Harmonies

Analogous

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



12.3449, 13.6507, 11.3669



11.7923, 13.6507, 12.6030



11.5565, 13.6507, 14.5467

Triad

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



11.7923, 13.6507, 12.6030



12.8636, 13.6507, 19.4941



14.3521, 13.6507, 13.1043

Complementary

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



11.7923, 13.6507, 12.6030



12.5798, 11.9955, 15.2887

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.



14.5042, 13.6507, 15.1844



11.7923, 13.6507, 12.6030



13.6253, 13.6507, 19.0119

Square

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



11.7923, 13.6507, 12.6030



12.1593, 13.6507, 18.6386



14.2334, 13.6507, 17.3789



13.8255, 13.6507, 11.6356

Rectangle

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



11.7923, 13.6507, 12.6030



11.6035, 13.6507, 16.0362



14.2334, 13.6507, 17.3789



14.4496, 13.6507, 13.7490

Sweetspot

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



11.7927, 13.6513, 12.6033



23.7245, 25.7008, 26.6470



13.1858, 14.3746, 12.4358



5.6968, 6.1988, 6.3787



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.7927, 13.6513, 12.6033



20.2147, 24.0094, 21.1518



12.1180, 13.7814, 14.3167



3.0720, 3.4480, 3.3628



6.4422, 12.8110, 2.3738



32.6969, 65.2259, 11.4168

Inverse Universe

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



12.5798, 11.9955, 15.2887



21.9480, 20.3631, 27.0650



12.2335, 11.8570, 13.4654



3.2087, 3.1604, 3.8293



10.1327, 4.9052, 14.8591



51.4956, 24.9402, 75.0034

Previews

White Background



This preview shows how the XYZ color 11.7923, 13.6507, 12.6030 looks on a white background.

Color Contrast Check

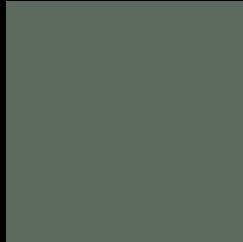
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7923, 13.6507, 12.6030 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 11.7923, 13.6507, 12.6030

Background



This preview shows how black text looks on a background with the XYZ color 11.7923, 13.6507, 12.6030.

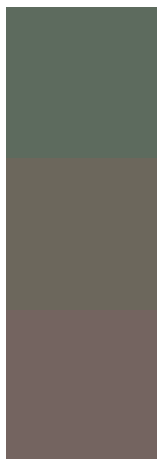


This preview shows how white text looks on a background with the XYZ color 11.7923, 13.6507,

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

11.7923, 13.6507, 12.6030

Protanopia

12.9664, 13.6613, 12.0787

Deuteranopia

13.8710, 13.6719, 12.9742



Tritanopia

12.7548, 13.5797, 17.5717

Trichromacy



Original Color

11.7923, 13.6507, 12.6030

Protanomaly

12.5196, 13.5745, 12.3162

Deuteranomaly

13.1001, 13.7149, 12.7833

Tritanomaly

12.3724, 13.5767, 15.6041

Monochromacy



Original Color

11.7923, 13.6507, 12.6030

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0919, 13.1790, 13.4618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7923, 13.6507, 12.6030 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(93, 107, 94) looks like.

```
.text, #text, p{  
    color:rgb(93, 107, 94)  
}
```

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(93, 107, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 107, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.7923, 13.6507, 12.6030 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(93, 107, 94) }
```


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

```
.border{ border-color:rgb(93, 107, 94) }
```

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

Here you see how a box with a 4 pixel rgb(93, 107, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 107, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 107, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 107,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7923, 13.6507, 12.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 107, 94) }
```

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

```
.background{ background-color: rgb(93, 107,  
94) }
```

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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