

Converting Colors

XYZ(11.4888, 12.3446, 11.8567)

Have a look what the booklet for
XYZ(11.4888, 12.3446, 11.8567)
contains.

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Color

**XYZ(11.4306, 12.2931,
11.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	62635C
RGB	98, 99, 92
RGB Percent	38%, 39%, 36%
CMY	0.6157, 0.6118, 0.6392
CMYK	0.01, 0.00, 0.07, 0.61
HSL	69°, 4%, 37%
HSV	69°, 7%, 39%
XYZ	11.4306, 12.2931, 11.8956
YIQ	97.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

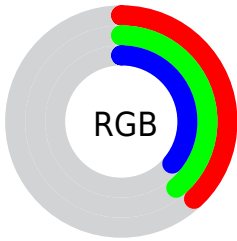
Format	Color
RYB	92, 99, 93
Decimal	6447964
CIELab	41.68, -1.81, 3.83
CIELCh	42, 4.241, 115.292
Yxy	12.2931, 0.3209, 0.3451
Android (android.graphics.Color)	4284638044 (0xFF62635C)
YUV	97.9030, -2.9102, 0.0851
Hunter-Lab	35.0615, -3.1639, 4.4273

Details

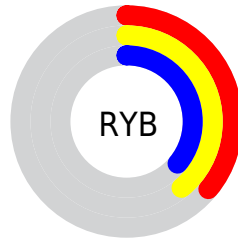
The XYZ color **11.4306, 12.2931, 11.8956** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5941, 10.8827, 13.3473**, and the grayscale version is **11.5923, 12.1961, 13.2815**.

A 20% lighter version of the original color is **28.1833, 30.1552, 29.9263**, and **3.1824, 3.4735, 3.0875** is the 20% darker color. If you saturate the color by 10%, you get **10.8743, 12.0535, 9.7562**, and if you desaturate by 10%, it is **12.0469, 12.5578, 14.3337**.

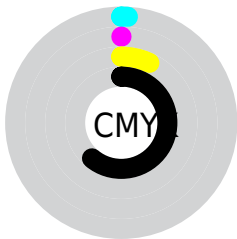
Distribution



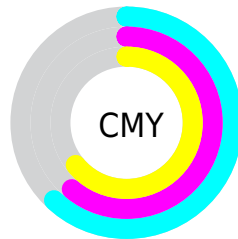
- Red (38%)
- Green (39%)
- Blue (36%)



- Red (36%)
- Yellow (39%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4306, 12.2931, 11.8956 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 11.4306, 12.2931, 11.8956 by changing the saturation by 10% instead.

■ 11.4306, 12.2931,
11.8956

■ 11.4306, 12.2931,
11.8956

194.4463,
206.3361, 214.6662

■ 6.4267, 6.9436,
6.5510

■ 28.0797, 30.0278,
29.9664

■ 3.1493, 3.4269,
3.1087

■ 40.4555, 43.1818,
43.5296

■ 1.2332, 1.3584,
1.1504

■ 56.0194, 59.7062,
60.6694

■ 0.1324, 0.1858,
0.0000

■ 75.1366, 79.9852,
81.8043

■ 0.0000, 0.0000,
0.0000

98.1725, 104.4033,
107.3529

125.4926,

133.3449, 137.7337

157.4620,
167.1944, 173.3653

■ 11.4306, 12.2931,
11.8956

■ 11.4306, 12.2931,
11.8956

■ 10.8743, 12.0535,
9.7562

■ 12.0469, 12.5578,
14.3337

■ 10.3748, 11.8364,
7.9031

■ 12.7242, 12.8469,
17.0804

■ 9.9300, 11.6416,
6.3244

■ 13.4648, 13.1616,
20.1464

■ 9.5375, 11.4680,
5.0071

■ 14.2707, 13.5028,
23.5415

■ 9.1946, 11.3146,
3.9370

■ 15.1436, 13.8710,
27.2750

■ 8.8983, 11.1801,
3.0986

■ 16.0852, 14.2671,
31.3560

■ 8.6453, 11.0632,
2.4746

■ 17.0972, 14.6916,
35.7931

■ 8.4320, 10.9625,
2.0456

■ 18.1812, 15.1453,
40.5948

■ 8.2460, 10.8731,
1.7473

■ 19.3388, 15.6287,
45.7692

Harmonies

Analogous

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



11.7334, 12.2931, 11.7498



11.4306, 12.2931, 11.8956



11.1995, 12.2931, 12.4334

Triad

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



11.4306, 12.2931, 11.8956



11.3470, 12.2931, 14.8429



12.2904, 12.2931, 13.5262

Complementary

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



11.4306, 12.2931, 11.8956



10.5941, 10.8827, 13.3473

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.



12.1827, 12.2931, 14.3841



11.4306, 12.2931, 11.8956



11.6352, 12.2931, 15.1655

Square

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



11.4306, 12.2931, 11.8956



11.1518, 12.2931, 14.1302



11.9416, 12.2931, 14.9940



12.2333, 12.2931, 12.6667

Rectangle

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



11.4306, 12.2931, 11.8956



11.1153, 12.2931, 12.9550



11.9416, 12.2931, 14.9940



12.2722, 12.2931, 13.8246

Sweetspot

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



11.4309, 12.2936, 11.8959



20.1251, 21.3100, 22.4378



10.9863, 11.2428, 11.7165



4.7883, 5.0672, 5.3518



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.4309, 12.2936, 11.8959



19.4926, 21.0382, 19.9557



11.0685, 12.1068, 11.8789



2.7301, 2.9523, 2.7701



10.6539, 14.1264, 2.1652



56.3509, 75.1755, 11.5403

Inverse Universe

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



10.5941, 10.8827, 13.3473



17.8347, 18.2430, 22.8312



10.9493, 11.0659, 13.3639



2.4805, 2.5313, 3.2031



3.1507, 1.2851, 15.4697



16.3542, 6.6192, 82.6203

Previews

White Background



This preview shows how the XYZ color 11.4306, 12.2931, 11.8956 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 11.4306, 12.2931, 11.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

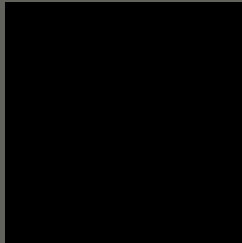
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4306, 12.2931, 11.8956

Background



This preview shows how black text looks on a background with the XYZ color 11.4306, 12.2931, 11.8956.



This preview shows how white text looks on a background with the XYZ color 11.4306, 12.2931,

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

11.4306, 12.2931, 11.8956

Protanopia

11.7355, 12.3155, 11.6561

Deuteranopia

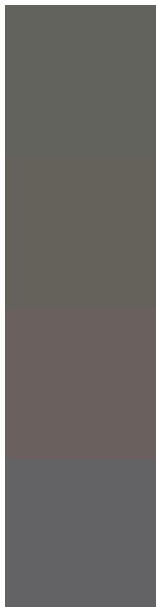
12.4984, 12.2897, 12.0693



Tritanopia

12.0800, 12.2786, 15.0979

Trichromacy



Original Color

11.4306, 12.2931, 11.8956

Protanomaly

11.6228, 12.2574, 11.6509

Deuteranomaly

12.1025, 12.2202, 12.0768

Tritanomaly

11.8135, 12.3081, 13.8097

Monochromacy



Original Color

11.4306, 12.2931, 11.8956

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5160, 12.1766, 12.8097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4306, 12.2931, 11.8956 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(98, 99, 92) looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 92)  
}
```

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(98, 99, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.4306, 12.2931, 11.8956 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(98, 99, 92) }
```


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

```
.border{ border-color:rgb(98, 99, 92) }
```

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

Here you see how a box with a 4 pixel rgb(98, 99, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 92);  
box-shadow:4px 4px 4px 4px rgb(98, 99, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.4306, 12.2931, 11.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 92) }
```

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

```
.background{ background-color: rgb(98, 99,  
92) }
```

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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