

Converting Colors

XYZ(12.5423, 11.2775, 18.5276)

Have a look what the booklet for
XYZ(12.5423, 11.2775, 18.5276)
contains.

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Color

**XYZ(12.5854, 11.2907,
18.6555)**

Conversions

Conversions Part 1

Format	Color
Hex	695876
RGB	105, 88, 118
RGB Percent	41%, 35%, 46%
CMY	0.5882, 0.6549, 0.5373
CMYK	0.11, 0.25, 0.00, 0.54
HSL	274°, 15%, 40%
HSV	274°, 25%, 46%
XYZ	12.5854, 11.2907, 18.6555
YIQ	96.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

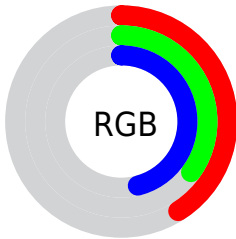
Format	Color
R_{YB}	105, 88, 118
Decimal	6903926
CIE _{Lab}	40.07, 13.18, -14.42
CIE _{LCh}	40, 19.536, 312.442
Yxy	11.2907, 0.2959, 0.2655
Android (android.graphics.Color)	4285094006 (0xFF695876)
YUV	96.5030, 10.5980, 7.4519
Hunter-Lab	33.6016, 8.0538, -9.3964

Details

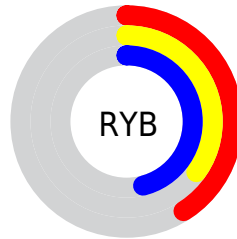
The XYZ color **12.5854, 11.2907, 18.6555** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.6071, 16.4284, 11.6869**, and the grayscale version is **11.2157, 11.7998, 12.8500**.

A 20% lighter version of the original color is **30.0545, 28.1472, 41.8791**, and **3.6208, 2.9680, 6.1764** is the 20% darker color. If you saturate the color by 10%, you get **11.1115, 9.2077, 18.3313**, and if you desaturate by 10%, it is **14.2529, 13.7069, 19.0342**.

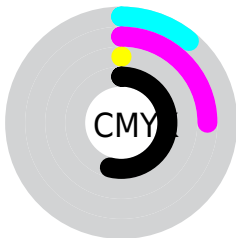
Distribution



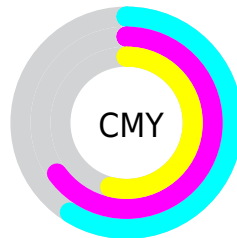
- Red (41%)
- Green (35%)
- Blue (46%)



- Red (41%)
- Yellow (35%)
- Blue (46%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



- Cyan (59%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5854, 11.2907, 18.6555 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 12.5854, 11.2907, 18.6555 by changing the saturation by 10% instead.

■ 12.5854, 11.2907,
18.6555

■ 12.5854, 11.2907,
18.6555

201.9350,
199.6512, 256.8993

■ 7.2187, 6.2627,
11.2473

■ 30.1646, 28.1965,
41.9801

■ 3.6468, 3.0055,
6.1172

■ 43.1078, 40.8431,
58.7336

■ 1.5043, 1.1346,
2.8465

■ 59.3072, 56.7980,
79.4392

■ 0.3288, 0.0073,
1.0168

■ 79.1282, 76.4456,
104.5156

■ 0.0000, 0.0000,
0.0000

■ 102.9361,
100.1704, 134.3813

131.0963,

128.3566, 169.4548

163.9741,
161.3888, 210.1546

■ 12.5854, 11.2907,
18.6555

■ 12.5854, 11.2907,
18.6555

■ 11.1115, 9.2077,
18.3313

■ 14.2529, 13.7069,
19.0342

■ 9.8220, 7.4411,
18.0583

■ 16.1207, 16.4692,
19.4689

■ 8.7085, 5.9748,
17.8339

■ 18.1962, 19.5916,
19.9622

■ 7.7614, 4.7904,
17.6552

■ 20.4864, 23.0869,
20.5161

■ 6.9700, 3.8677,
17.5189

■ 22.9976, 26.9672,
21.1328

6.3223, 3.1838,
17.4210

25.7361, 31.2442,
21.8140

5.7975, 2.6980,
17.3549

28.7078, 35.9288,
22.5616

5.5755, 2.4965,
17.3277

31.9186, 41.0318,
23.3773

35.3738, 46.5635,
24.2629

Harmonies

Analogous

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



11.3020, 11.2907, 21.1034



12.5854, 11.2907, 18.6555



13.4090, 11.2907, 14.6822

Triad

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



12.5854, 11.2907, 18.6555



11.5359, 11.2907, 6.4685



8.3853, 11.2907, 13.9705

Complementary

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



12.5854, 11.2907, 18.6555



13.6071, 16.4284, 11.6869

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.



8.4364, 11.2907, 10.1793



12.5854, 11.2907, 18.6555



10.1805, 11.2907, 6.3569

Square

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



12.5854, 11.2907, 18.6555



12.7690, 11.2907, 7.9184



9.0692, 11.2907, 7.5726



8.9231, 11.2907, 18.0410

Rectangle

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



12.5854, 11.2907, 18.6555



13.5474, 11.2907, 11.9788



9.0692, 11.2907, 7.5726



8.3355, 11.2907, 12.6139

Sweetspot

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



12.5858, 11.2912, 18.6557



27.3971, 27.5465, 34.0100



11.9973, 12.7879, 18.9757



6.2026, 6.1903, 7.7969



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.



12.5858, 11.2912, 18.6557



20.4452, 17.4611, 32.4297



14.1428, 12.1041, 18.2670



3.6806, 3.6827, 4.6071



6.0174, 2.6934, 18.7453



28.3274, 12.6118, 91.3016

Inverse Universe

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



13.3103, 11.7711, 13.8830



22.0206, 18.5015, 22.1911



12.3276, 15.7615, 11.9547



3.7437, 3.7248, 4.1772



8.7264, 4.4243, 3.7673



42.1110, 21.3945, 16.1797

Previews

White Background



This preview shows how the XYZ color 12.5854, 11.2907, 18.6555 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 12.5854, 11.2907, 18.6555 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 12.5854, 11.2907, 18.6555

Background



This preview shows how black text looks on a background with the XYZ color 12.5854, 11.2907, 18.6555.



This preview shows how white text looks on a background with the XYZ color 12.5854, 11.2907,

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

12.5854, 11.2907, 18.6555

Protanopia

11.3577, 11.2601, 19.9872

Deuteranopia

11.5389, 11.3884, 18.4196



Tritanopia

11.5588, 11.3799, 13.3917

Trichromacy



Original Color

12.5854, 11.2907, 18.6555

Protanomaly

11.8084, 11.2423, 19.6368

Deuteranomaly

11.8817, 11.3079, 18.3860

Tritanomaly

11.9361, 11.4063, 15.2082

Monochromacy



Original Color

12.5854, 11.2907, 18.6555

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8080, 11.7347, 15.0073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5854, 11.2907, 18.6555 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(105, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(105, 88, 118)  
}
```

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(105, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 88, 118) }
```

Border

The CSS property to change the border of an element to XYZ 12.5854, 11.2907, 18.6555 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(105, 88, 118) }
```


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

```
.border{ border-color:rgb(105, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(105, 88,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5854, 11.2907, 18.6555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 88, 118) }
```

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

```
.background{ background-color: rgb(105, 88,  
118) }
```

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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