

Converting Colors

XYZ(11.4255, 10.8828, 17.7895)

Have a look what the booklet for
XYZ(11.4255, 10.8828, 17.7895)
contains.

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Color

**XYZ(11.3862, 10.8155,
17.7071)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5973
RGB	95, 89, 115
RGB Percent	37%, 35%, 45%
CMY	0.6274, 0.6510, 0.5490
CMYK	0.17, 0.23, 0.00, 0.55
HSL	254°, 13%, 40%
HSV	254°, 23%, 45%
XYZ	11.3862, 10.8155, 17.7071
YIQ	93.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

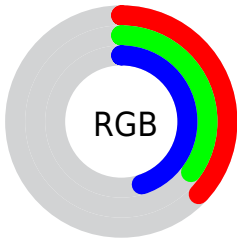
Format	Color
R_{YB}	95, 89, 115
Decimal	6248819
CIE Lab	39.27, 8.26, -13.88
CIE LCh	39, 16.148, 300.752
Yxy	10.8155, 0.2853, 0.2710
Android (android.graphics.Color)	4284438899 (0xFF5F5973)
YUV	93.7580, 10.4723, 1.0892
Hunter-Lab	32.8869, 4.2486, -8.9023

Details

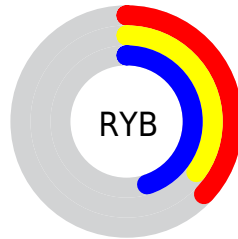
The XYZ color **11.3862, 10.8155, 17.7071** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.2410, 16.2342, 11.8347**, and the grayscale version is **10.5594, 11.1093, 12.0981**.

A 20% lighter version of the original color is **28.0617, 27.3663, 40.3624**, and **3.1327, 2.8350, 5.6923** is the 20% darker color. If you saturate the color by 10%, you get **9.6357, 8.6019, 17.3723**, and if you desaturate by 10%, it is **13.3913, 13.3828, 18.0971**.

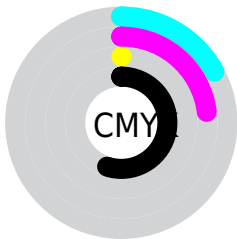
Distribution



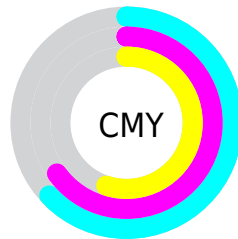
- Red (37%)
- Green (35%)
- Blue (45%)



- Red (37%)
- Yellow (35%)
- Blue (45%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (55%)



- Cyan (63%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3862, 10.8155, 17.7071 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 11.3862, 10.8155, 17.7071 by changing the saturation by 10% instead.

■ 11.3862, 10.8155,
17.7071

■ 11.3862, 10.8155,
17.7071

■ 194.1524,
196.3974, 251.3953

■ 6.3964, 5.9429,
10.5726

■ 27.9988, 27.3185,
40.3448

■ 3.1305, 2.8104,
5.6697

■ 40.3523, 39.7177,
56.6851

■ 1.2232, 1.0336,
2.5798

■ 55.8912, 55.3945,
76.9311

■ 0.1245, 0.0000,
0.8820

■ 74.9807, 74.7334,
101.5013

■ 0.0000, 0.0000,
0.0000

■ 97.9862, 98.1187,
130.8143

125.2731,

125.9349, 165.2886

157.2067,
158.5663, 205.3428

■ 11.3862, 10.8155,
17.7071

■ 11.3862, 10.8155,
17.7071

■ 9.6357, 8.6019,
17.3723

■ 13.3913, 13.3828,
18.0971

■ 8.1283, 6.7251,
17.0895

■ 15.6598, 16.3172,
18.5440

■ 6.8534, 5.1687,
16.8562

■ 18.2012, 19.6329,
19.0500

■ 5.7988, 3.9144,
16.6697

■ 21.0244, 23.3431,
19.6174

■ 4.9513, 2.9420,
16.5267

■ 24.1378, 27.4601,
20.2479

■ 4.2963, 2.2288,
16.4235

■ 27.5493, 31.9960,
20.9436

■ 3.8164, 1.7469,
16.3558

■ 31.2668, 36.9621,
21.7062

■ 3.5343, 1.4645,
16.3162

■ 35.2977, 42.3694,
22.5375

■ 39.6491, 48.2285,
23.4391

Harmonies

Analogous

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



10.3073, 10.8155, 18.8344



11.3862, 10.8155, 17.7071



12.2138, 10.8155, 14.9503

Triad

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



11.3862, 10.8155, 17.7071



11.3354, 10.8155, 7.2868



8.3280, 10.8155, 11.8550

Complementary

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



11.3862, 10.8155, 17.7071



14.2410, 16.2342, 11.8347

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.



8.5616, 10.8155, 9.0866



11.3862, 10.8155, 17.7071



10.2524, 10.8155, 6.7469

Square

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



11.3862, 10.8155, 17.7071



12.1830, 10.8155, 8.9726



9.2475, 10.8155, 7.3440



8.5859, 10.8155, 15.1105

Rectangle

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



11.3862, 10.8155, 17.7071



12.4842, 10.8155, 12.7648



9.2475, 10.8155, 7.3440



8.3515, 10.8155, 10.8400

Sweetspot

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



11.3865, 10.8159, 17.7073



26.1227, 26.7305, 32.8272



12.7225, 14.3777, 18.3244



6.1930, 6.3265, 7.8237



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.



11.3865, 10.8159, 17.7073



18.7341, 17.2676, 31.3901



12.8071, 11.5483, 17.7738



3.5724, 3.6269, 4.6020



4.0232, 1.6654, 18.6520



18.9648, 7.7852, 90.8634

Inverse Universe

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



13.4033, 11.8942, 16.0580



23.0316, 19.5671, 27.7925



12.7968, 15.4897, 11.7671



3.7922, 3.7442, 4.4327



10.1103, 4.9779, 11.0551



48.9298, 24.1220, 52.0869

Previews

White Background



This preview shows how the XYZ color 11.3862, 10.8155, 17.7071 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 11.3862, 10.8155, 17.7071 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 11.3862, 10.8155, 17.7071

Background



This preview shows how black text looks on a background with the XYZ color 11.3862, 10.8155, 17.7071.



This preview shows how white text looks on a background with the XYZ color 11.3862, 10.8155,

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

11.3862, 10.8155, 17.7071

Protanopia

10.8758, 10.9171, 18.3636

Deuteranopia

11.0520, 10.8936, 17.7398



Tritanopia

10.4929, 10.8305, 13.3418

Trichromacy



Original Color

11.3862, 10.8155, 17.7071

Protanomaly

11.0133, 10.8670, 18.0401

Deuteranomaly

11.1643, 10.8254, 17.7208

Tritanomaly

10.8051, 10.8292, 14.8854

Monochromacy



Original Color

11.3862, 10.8155, 17.7071

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8415, 10.9933, 14.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3862, 10.8155, 17.7071 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(95, 89, 115) looks like.

```
.text, #text, p{  
    color:rgb(95, 89, 115)  
}
```

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(95, 89, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 89, 115) }
```

Border

The CSS property to change the border of an element to XYZ 11.3862, 10.8155, 17.7071 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(95, 89, 115) }
```


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

```
.border{ border-color:rgb(95, 89, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 89, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 89, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 89, 115);  
box-shadow:4px 4px 4px 4px rgb(95, 89,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3862, 10.8155, 17.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 89, 115) }
```

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

```
.background{ background-color: rgb(95, 89,  
115) }
```

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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