

Converting Colors

XYZ(11.1862, 13.3033, 13.5243)

Have a look what the booklet for
XYZ(11.1862, 13.3033, 13.5243)
contains.

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Color

**XYZ(11.2086, 13.3285,
13.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	556B62
RGB	85, 107, 98
RGB Percent	33%, 42%, 38%
CMY	0.6667, 0.5804, 0.6157
CMYK	0.21, 0.00, 0.08, 0.58
HSL	155°, 11%, 38%
HSV	155°, 21%, 42%
XYZ	11.2086, 13.3285, 13.5372
YIQ	99.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

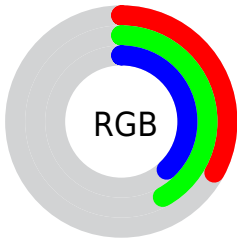
Format	Color
RYB	85, 99, 107
Decimal	5598050
CIELab	43.25, -10.21, 2.34
CIElCh	43, 10.478, 167.085
Yxy	13.3285, 0.2944, 0.3501
Android (android.graphics.Color)	4283788130 (0xFF556B62)
YUV	99.3960, -0.6882, -12.6253
Hunter-Lab	36.5082, -9.0871, 3.5711

Details

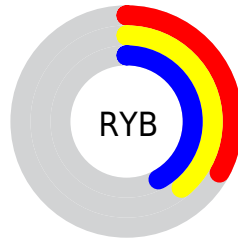
The XYZ color **11.2086, 13.3285, 13.5372** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3327, 10.4313, 12.0063**, and the grayscale version is **11.9635, 12.5865, 13.7067**.

A 20% lighter version of the original color is **27.6433, 31.7745, 33.1099**, and **3.0724, 3.9110, 3.8418** is the 20% darker color. If you saturate the color by 10%, you get **10.1087, 12.7851, 12.4362**, and if you desaturate by 10%, it is **12.4675, 13.9533, 14.7052**.

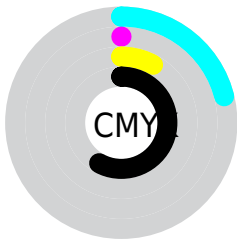
Distribution



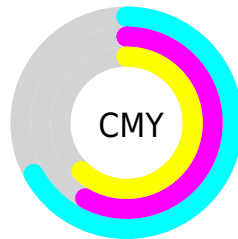
- Red (33%)
- Green (42%)
- Blue (38%)



- Red (33%)
- Yellow (39%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2086, 13.3285, 13.5372 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 11.2086, 13.3285, 13.5372 by changing the saturation by 10% instead.

■ 11.2086, 13.3285,
13.5372

■ 11.2086, 13.3285,
13.5372

192.9720,
213.0124, 225.6598

■ 6.2756, 7.6551,
7.6644

■ 27.6748, 31.8927,
32.9708

■ 3.0557, 3.8751,
3.7963

■ 39.9388, 45.5523,
47.3687

■ 1.1833, 1.6039,
1.5143

■ 55.3771, 62.6428,
65.4454

■ 0.0931, 0.3602,
0.2285

■ 74.3552, 83.5486,
87.6195

■ 0.0000, 0.0000,
0.0000

■ 97.2384, 108.6541,
114.3094

124.3920,

138.3436, 145.9337

156.1814,
173.0016, 182.9110

■ 11.2086, 13.3285,
13.5372

■ 11.2086, 13.3285,
13.5372

■ 10.1087, 12.7851,
12.4362

■ 12.4675, 13.9533,
14.7052

■ 9.1599, 12.3179,
11.4001

■ 13.8906, 14.6611,
15.9406

■ 8.3553, 11.9238,
10.4280

■ 15.4843, 15.4555,
17.2448

■ 7.6871, 11.5988,
9.5183

■ 17.2543, 16.3393,
18.6189

■ 7.1466, 11.3384,
8.6698

■ 19.2059, 17.3154,
20.0641

■ 6.7240, 11.1375,
7.8810

■ 21.3443, 18.3865,
21.5815

■ 6.4082, 10.9906,
7.1501

■ 23.6745, 19.5549,
23.1721

■ 6.1614, 10.8773,
6.5104

■ 26.2013, 20.8233,
24.8369

■ 28.9293, 22.1939,
26.5769

Harmonies

Analogous

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



11.5604, 13.3285, 11.6794



11.2086, 13.3285, 13.5372



11.2357, 13.3285, 15.8643

Triad

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



11.2086, 13.3285, 13.5372



13.1320, 13.3285, 19.2128



13.7599, 13.3285, 11.4817

Complementary

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



11.2086, 13.3285, 13.5372



11.3327, 10.4313, 12.0063

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.



14.2179, 13.3285, 13.2397



11.2086, 13.3285, 13.5372



13.8449, 13.3285, 17.7702

Square

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



11.2086, 13.3285, 13.5372



12.3231, 13.3285, 19.3144



14.2496, 13.3285, 15.5335



13.0200, 13.3285, 10.5808

Rectangle

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



11.2086, 13.3285, 13.5372



11.4648, 13.3285, 17.3750



14.2496, 13.3285, 15.5335



13.9533, 13.3285, 11.9830

Sweetspot

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



11.2090, 13.3291, 13.5375



23.4061, 25.5222, 27.2871



11.5310, 13.5603, 10.6042



5.6380, 6.1639, 6.5808



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.



11.2090, 13.3291, 13.5375



19.0222, 23.3478, 23.2106



11.4691, 13.1305, 15.8405



3.1320, 3.4720, 3.6787



7.4801, 13.2261, 7.8394



37.6755, 67.2173, 37.6338

Inverse Universe

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



11.3327, 10.4313, 12.0063



19.2899, 17.0833, 19.9016



11.0982, 10.5714, 10.0501



3.1463, 3.1354, 3.5008



7.9098, 4.0160, 3.1535



39.8941, 20.2996, 13.9112

Previews

White Background



This preview shows how the XYZ color 11.2086, 13.3285, 13.5372 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 11.2086, 13.3285, 13.5372 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 11.2086, 13.3285, 13.5372

Background



This preview shows how black text looks on a background with the XYZ color 11.2086, 13.3285, 13.5372.



This preview shows how white text looks on a background with the XYZ color 11.2086, 13.3285,

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

11.2086, 13.3285, 13.5372

Protanopia

12.6426, 13.3322, 12.7335

Deuteranopia

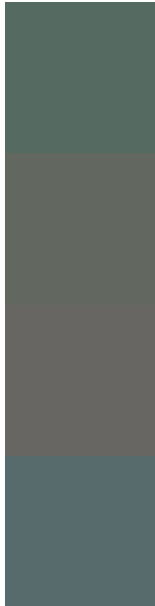
13.5721, 13.3545, 13.9189



Tritanopia

12.0567, 13.3701, 17.5680

Trichromacy



Original Color

11.2086, 13.3285, 13.5372

Protanomaly

12.0986, 13.3418, 13.0039

Deuteranomaly

12.5970, 13.2872, 13.7051

Tritanomaly

11.7913, 13.4170, 16.1556

Monochromacy



Original Color

11.2086, 13.3285, 13.5372

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6196, 12.7833, 13.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2086, 13.3285, 13.5372 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(85, 107, 98) looks like.

```
.text, #text, p{  
    color:rgb(85, 107, 98)  
}
```

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(85, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 107, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.2086, 13.3285, 13.5372 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(85, 107, 98) }
```


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

```
.border{ border-color:rgb(85, 107, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 107, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(85, 107,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2086, 13.3285, 13.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 107, 98) }
```

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

```
.background{ background-color: rgb(85, 107,  
98) }
```

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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