

Converting Colors

XYZ(11.9296, 13.6180, 17.3299)

Have a look what the booklet for
XYZ(11.9296, 13.6180, 17.3299)
contains.

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Color

**XYZ(11.9286, 13.6165,
17.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	556B70
RGB	85, 107, 112
RGB Percent	33%, 42%, 44%
CMY	0.6667, 0.5804, 0.5608
CMYK	0.24, 0.04, 0.00, 0.56
HSL	191°, 14%, 39%
HSV	191°, 24%, 44%
XYZ	11.9286, 13.6165, 17.3288
YIQ	100.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

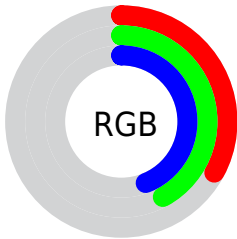
Format	Color
R_{YB}	85, 97, 112
Decimal	5598064
CIE _{Lab}	43.68, -6.90, -5.49
CIE _{LCh}	44, 8.817, 218.524
Yxy	13.6165, 0.2782, 0.3176
Android (android.graphics.Color)	4283788144 (0xFF556B70)
YUV	100.9920, 5.4269, -14.0250
Hunter-Lab	36.9005, -6.8734, -2.0127

Details

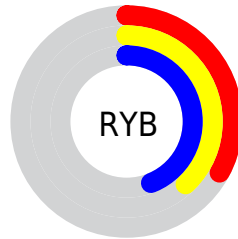
The XYZ color **11.9286, 13.6165, 17.3288** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9781, 11.4130, 10.1662**, and the grayscale version is **12.3570, 13.0005, 14.1576**.

A 20% lighter version of the original color is **28.9194, 32.2850, 39.8294**, and **3.3780, 4.0332, 5.4509** is the 20% darker color. If you saturate the color by 10%, you get **10.7777, 12.7064, 17.2140**, and if you desaturate by 10%, it is **13.2465, 14.6210, 17.4535**.

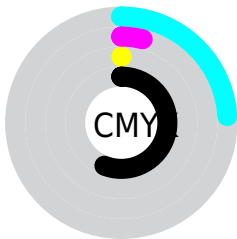
Distribution



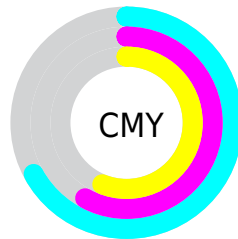
- Red (33%)
- Green (42%)
- Blue (44%)



- Red (33%)
- Yellow (38%)
- Blue (44%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (67%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9286, 13.6165, 17.3288 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 11.9286, 13.6165, 17.3288 by changing the saturation by 10% instead.

■ 11.9286, 13.6165,
17.3288

■ 11.9286, 13.6165,
17.3288

197.7116,
214.8318, 249.1679

■ 6.7669, 7.8544,
10.3048

■ 28.9830, 32.4070,
39.6886

■ 3.3618, 4.0019,
5.4933

■ 41.6064, 46.2042,
55.8615

■ 1.3479, 1.6746,
2.4757

■ 57.4478, 63.4486,
75.9210

■ 0.2186, 0.4072,
0.8273

■ 76.8725, 84.5245,
100.2858

■ 0.0000, 0.0000,
0.0000

■ 100.2459,
109.8164, 129.3743

127.9333,

139.7087, 163.6051

160.3001,
174.5857, 203.3968

■ 11.9286, 13.6165,
17.3288

■ 11.9286, 13.6165,
17.3288

■ 10.7777, 12.7064,
17.2140

■ 13.2465, 14.6210,
17.4535

■ 9.7850, 11.8852,
17.1078

■ 14.7372, 15.7221,
17.5874

■ 8.9427, 11.1491,
17.0101

■ 16.4078, 16.9237,
17.7313

■ 8.2418, 10.4935,
16.9205

■ 18.2647, 18.2292,
17.8854

■ 7.6724, 9.9131,
16.8385

■ 20.3139, 19.6417,
18.0500

■ 7.2232, 9.4021,
16.7636

■ 22.5611, 21.1642,
18.2255

■ 6.8768, 8.9514,
16.6948

■ 25.0117, 22.7996,
18.4120

■ 6.6885, 8.6975,
16.6557

■ 27.6711, 24.5507,
18.6098

■ 30.5442, 26.4201,
18.8192

Harmonies

Analogous

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



11.6701, 13.6165, 15.3982



11.9286, 13.6165, 17.3288



12.4609, 13.6165, 18.6630

Triad

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



11.9286, 13.6165, 17.3288



14.2204, 13.6165, 16.2657



12.7458, 13.6165, 11.3673

Complementary

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



11.9286, 13.6165, 17.3288



11.9781, 11.4130, 10.1662

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.



13.4354, 13.6165, 11.5547



11.9286, 13.6165, 17.3288



14.3033, 13.6165, 14.2683

Square

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



11.9286, 13.6165, 17.3288



13.7888, 13.6165, 18.0122



14.0114, 13.6165, 12.5767



12.1308, 13.6165, 12.0397

Rectangle

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



11.9286, 13.6165, 17.3288



12.9078, 13.6165, 18.9717



14.0114, 13.6165, 12.5767



12.9764, 13.6165, 11.3331

Sweetspot

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



11.9290, 13.6171, 17.3291



25.0504, 27.0058, 30.8221



11.3840, 14.2572, 11.8138



5.9936, 6.4699, 7.4027



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.9290, 13.6171, 17.3291



19.7777, 22.9975, 30.3263



10.6340, 11.0270, 16.8974



3.4250, 3.7153, 4.2908



7.7171, 10.0245, 19.2498



37.8591, 48.7701, 95.6973

Inverse Universe

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



12.5847, 11.0035, 15.3711



21.1635, 17.6135, 26.1571



13.2172, 13.8911, 10.5792



3.4892, 3.4434, 4.1029



9.9136, 4.8578, 11.8867



49.0895, 24.0811, 57.6628

Previews

White Background



This preview shows how the XYZ color 11.9286, 13.6165, 17.3288 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 11.9286, 13.6165, 17.3288 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

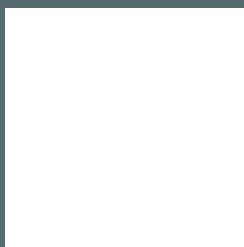
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9286, 13.6165, 17.3288

Background



This preview shows how black text looks on a background with the XYZ color 11.9286, 13.6165, 17.3288.



This preview shows how white text looks on a background with the XYZ color 11.9286, 13.6165,

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

11.9286, 13.6165, 17.3288

Protanopia

13.1052, 13.4904, 16.3812

Deuteranopia

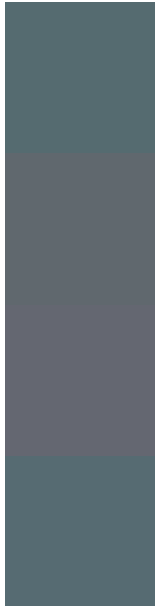
13.7221, 13.4947, 17.5043



Tritanopia

12.1900, 13.7316, 18.2276

Trichromacy



Original Color

11.9286, 13.6165, 17.3288

Protanomaly

12.5887, 13.5132, 16.6967

Deuteranomaly

13.0864, 13.6021, 17.5585

Tritanomaly

12.1327, 13.7087, 17.9262

Monochromacy



Original Color

11.9286, 13.6165, 17.3288

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1194, 13.1533, 15.2647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9286, 13.6165, 17.3288 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, 112) looks like.

```
.text, #text, p{  
    color:rgb(85, 107, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 107, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.9286, 13.6165, 17.3288 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, 112) }
```


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

```
.border{ border-color:rgb(85, 107, 112) }
```

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, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 107, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 107, 112);  
box-shadow:4px 4px 4px 4px rgb(85, 107,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9286, 13.6165, 17.3288 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, 112) }
```

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

```
.background{ background-color: rgb(85, 107,  
112) }
```

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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