

Converting Colors

XYZ(11.4104, 13.8340, 23.6056)

Have a look what the booklet for
XYZ(11.4104, 13.8340, 23.6056)
contains.

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Color

**XYZ(11.4121, 13.8483,
23.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	386F83
RGB	56, 111, 131
RGB Percent	22%, 44%, 51%
CMY	0.7804, 0.5647, 0.4863
CMYK	0.57, 0.15, 0.00, 0.49
HSL	196°, 40%, 37%
HSV	196°, 57%, 51%
XYZ	11.4121, 13.8483, 23.5442
YIQ	96.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

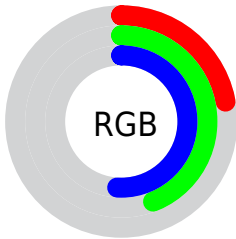
Format	Color
RYB	56, 88, 131
Decimal	3698563
CIELab	44.01, -12.02, -16.57
CIELCh	44, 20.468, 234.052
Yxy	13.8483, 0.2338, 0.2837
Android (android.graphics.Color)	4281888643 (0xFF386F83)
YUV	96.8350, 16.8433, -35.8123
Hunter-Lab	37.2133, -10.3832, -11.4624




Details

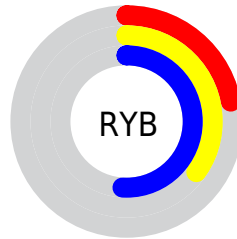
The XYZ color **11.4121, 13.8483, 23.5442** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6588, 10.2804, 5.0591**, and the grayscale version is **11.2892, 11.8771, 12.9342**.




A 20% lighter version of the original color is **28.0556, 32.9063, 50.2203**, and **3.3005, 4.1642, 8.6125** is the 20% darker color. If you saturate the color by 10%, you get **10.3999, 12.7719, 23.3900**, and if you desaturate by 10%, it is **12.6318, 15.0543, 23.7130**.

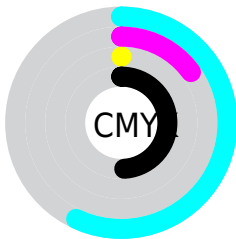
Distribution







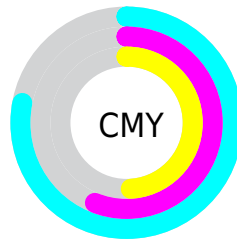
-  Red (22%)
-  Green (44%)
-  Blue (51%)






-  Red (22%)
-  Yellow (35%)
-  Blue (51%)



-  Cyan (57%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (78%)
-  Magenta (56%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4121, 13.8483, 23.5442 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 11.4121, 13.8483, 23.5442 by changing the saturation by 10% instead.

■ 11.4121, 13.8483,
23.5442

■ 11.4121, 13.8483,
23.5442

■ 194.3239,
216.2850, 283.7199

■ 6.4141, 8.0152,
14.7868

■ 28.0460, 32.8196,
50.2198

■ 3.1415, 4.1047,
8.5249

■ 40.4125, 46.7267,
68.9751

■ 1.2290, 1.7323,
4.3401

■ 55.9660, 64.0938,
91.9002

■ 0.1291, 0.4444,
1.8137

■ 75.0716, 85.3055,
119.4134

■ 0.0000, 0.0000,
0.4370

■ 98.0949, 110.7460,
151.9335

■ 0.0000, 0.0000,
0.0000

■ 125.4011,

140.7999, 189.8789

157.3557,
175.8514, 233.6682

■ 11.4121, 13.8483,
23.5442

■ 11.4121, 13.8483,
23.5442

■ 10.3999, 12.7719,
23.3900

■ 12.6318, 15.0543,
23.7130

■ 9.5783, 11.8154,
23.2487

■ 14.0714, 16.3959,
23.8960

■ 8.9300, 10.9698,
23.1197

■ 15.7439, 17.8801,
24.0944

■ 8.4192, 10.2165,
23.0012

■ 17.6610, 19.5133,
24.3086

■ 8.2857, 10.0166,
22.9696

■ 19.8334, 21.3011,
24.5391

■ 22.2712, 23.2491,
24.7867

■ 24.9839, 25.3625,
25.0516

■ 27.9807, 27.6460,
25.3344

■ 31.2702, 30.1044,
25.6356

Harmonies

Analogous

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



10.5105, 13.8483, 19.0272



11.4121, 13.8483, 23.5442



12.8413, 13.8483, 25.8441

Triad

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



11.4121, 13.8483, 23.5442



16.5209, 13.8483, 16.0248



11.9296, 13.8483, 8.2945

Complementary

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



11.4121, 13.8483, 23.5442



12.6588, 10.2804, 5.0591

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.



13.4888, 13.8483, 7.8148



11.4121, 13.8483, 23.5442



16.2266, 13.8483, 11.7177

Square

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



11.4121, 13.8483, 23.5442



15.8572, 13.8483, 20.9650



15.0831, 13.8483, 8.9327



10.7916, 13.8483, 10.4119

Rectangle

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



11.4121, 13.8483, 23.5442



13.9357, 13.8483, 25.5309



15.0831, 13.8483, 8.9327



12.4183, 13.8483, 7.9573

Sweetspot

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



11.4125, 13.8488, 23.5445



31.5742, 34.8997, 43.5253



11.0522, 17.5955, 9.6519



7.2109, 8.0077, 10.1183



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.4125, 13.8488, 23.5445



18.0952, 22.2756, 41.7990



8.1437, 7.3112, 22.4549



4.6994, 5.0744, 5.9325



8.1582, 9.8642, 22.6107



0.0343, 0.0462, 0.0803

Inverse Universe

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



13.6439, 8.8019, 16.0192



22.7238, 13.0602, 25.9078



16.0354, 17.0334, 6.1847



4.8063, 4.7422, 5.5923



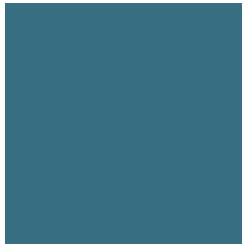
11.2960, 5.5827, 11.3970



0.0422, 0.0206, 0.0554

Previews

White Background



This preview shows how the XYZ color 11.4121, 13.8483, 23.5442 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 11.4121, 13.8483, 23.5442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

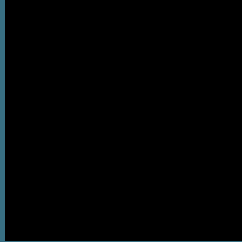
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.4121, 13.8483, 23.5442

Background



This preview shows how black text looks on a background with the XYZ color 11.4121, 13.8483, 23.5442.

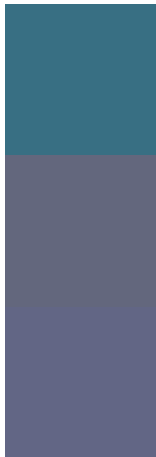


This preview shows how white text looks on a background with the XYZ color 11.4121, 13.8483,

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

11.4121, 13.8483, 23.5442

Protanopia

13.6975, 13.8338, 21.3503

Deuteranopia

14.0220, 13.7929, 24.1136



Tritanopia

10.8342, 13.9455, 20.5331

Trichromacy



Original Color

11.4121, 13.8483, 23.5442

Protanomaly

12.5521, 13.6794, 22.0575

Deuteranomaly

12.7837, 13.6081, 23.7826

Tritanomaly

10.9640, 13.8259, 21.4928

Monochromacy



Original Color

11.4121, 13.8483, 23.5442

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.9914, 12.4007, 16.2823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4121, 13.8483, 23.5442 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(56, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(56, 111, 131)  
}
```

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(56, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 111, 131) }
```

Border

The CSS property to change the border of an element to XYZ 11.4121, 13.8483, 23.5442 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(56, 111, 131) }
```


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

```
.border{ border-color:rgb(56, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(56, 111,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4121, 13.8483, 23.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 111, 131) }
```

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

```
.background{ background-color: rgb(56, 111,  
131) }
```

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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