

Converting Colors

XYZ(11.0165, 13.5831, 20.3173)

Have a look what the booklet for
XYZ(11.0165, 13.5831, 20.3173)
contains.

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Color

**XYZ(11.0133, 13.5491,
20.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6E7A
RGB	61, 110, 122
RGB Percent	24%, 43%, 48%
CMY	0.7608, 0.5686, 0.5216
CMYK	0.50, 0.10, 0.00, 0.52
HSL	192°, 33%, 36%
HSV	192°, 50%, 48%
XYZ	11.0133, 13.5491, 20.4471
YIQ	96.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

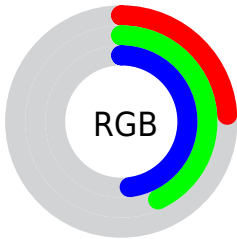
Format	Color
R_{YB}	61, 88, 122
Decimal	4025978
CIE _{Lab}	43.58, -13.05, -11.81
CIE _{LCh}	44, 17.596, 222.146
Yxy	13.5491, 0.2447, 0.3010
Android (android.graphics.Color)	4282216058 (0xFF3D6E7A)
YUV	96.7170, 12.4645, -31.3238
Hunter-Lab	36.8091, -11.0086, -7.1686

Details

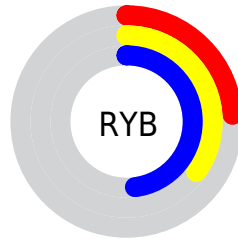
The XYZ color **11.0133, 13.5491, 20.4471** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.2513, 9.2401, 5.6059**, and the grayscale version is **11.2696, 11.8565, 12.9117**.

A 20% lighter version of the original color is **27.3704, 32.4074, 44.8571**, and **2.9503, 3.9392, 6.9082** is the 20% darker color. If you saturate the color by 10%, you get **10.0907, 12.6946, 20.3310**, and if you desaturate by 10%, it is **12.1146, 14.5068, 20.5741**.

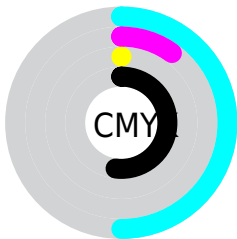
Distribution



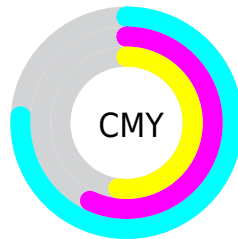
- Red (24%)
- Green (43%)
- Blue (48%)



- Red (24%)
- Yellow (35%)
- Blue (48%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (76%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0133, 13.5491, 20.4471 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 11.0133, 13.5491, 20.4471 by changing the saturation by 10% instead.

■ 11.0133, 13.5491,
20.4471

■ 11.0133, 13.5491,
20.4471

■ 191.6652,
214.4074, 267.0092

■ 6.1431, 7.8077,
12.5332

■ 27.3175, 32.2868,
45.0343

■ 2.9738, 3.9722,
6.9810

■ 39.4822, 46.0519,
62.5446

■ 1.1399, 1.6580,
3.3719

■ 54.8092, 63.2604,
84.0909

■ 0.0581, 0.3962,
1.2875

■ 73.6638, 84.2967,
110.0915

■ 0.0000, 0.0000,
0.0515

■ 96.4113, 109.5452,
140.9651

■ 0.0000, 0.0000,
0.0000

■ 123.4172,

139.3902, 177.1303

155.0467,
174.2161, 219.0054

■ 11.0133, 13.5491,
20.4471

■ 11.0133, 13.5491,
20.4471

■ 10.0907, 12.6946,
20.3310

■ 12.1146, 14.5068,
20.5741

■ 9.3339, 11.9355,
20.2244

■ 13.4041, 15.5717,
20.7117

■ 8.7298, 11.2655,
20.1269

■ 14.8921, 16.7495,
20.8606

■ 8.2632, 10.6765,
20.0378

■ 16.5876, 18.0449,
21.0213

■ 7.8808, 10.1409,
19.9546

■ 18.4992, 19.4624,
21.1942

■ 7.8807, 10.1408,
19.9546

■ 20.6351, 21.0064,
21.3796

■ 23.0027, 22.6807,
21.5780

■ 25.6094, 24.4893,
21.7897

■ 28.4622, 26.4357,
22.0150

Harmonies

Analogous

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



10.4596, 13.5491, 16.4060



11.0133, 13.5491, 20.4471



12.0833, 13.5491, 23.2095

Triad

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



11.0133, 13.5491, 20.4471



15.5656, 13.5491, 17.2013



12.3290, 13.5491, 8.5129

Complementary

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



11.0133, 13.5491, 20.4471



11.2513, 9.2401, 5.6059

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.



13.7068, 13.5491, 8.6491



11.0133, 13.5491, 20.4471



15.6432, 13.5491, 13.2143

Square

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



11.0133, 13.5491, 20.4471



14.7373, 13.5491, 21.1180



14.9422, 13.5491, 10.2278



11.1821, 13.5491, 9.8152

Rectangle

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



11.0133, 13.5491, 20.4471



12.9774, 13.5491, 23.6996



14.9422, 13.5491, 10.2278



12.7791, 13.5491, 8.3995

Sweetspot

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



11.0137, 13.5496, 20.4474



27.5357, 30.4972, 36.8282



10.0601, 15.3818, 8.6016



6.1830, 6.8865, 8.4100



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0137, 13.5496, 20.4474



17.5418, 22.1296, 35.7398



8.3297, 8.1816, 19.5528



4.0433, 4.3849, 5.0764



8.2913, 10.6650, 21.0068



38.9484, 49.6693, 100.0041

Inverse Universe

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



12.5097, 8.6014, 15.7532



20.6035, 12.7379, 25.9676



13.6875, 14.1125, 6.4180



4.1223, 4.0646, 4.8417



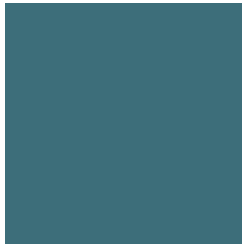
10.7684, 5.2835, 12.6031



51.0625, 25.0813, 58.5184

Previews

White Background



This preview shows how the XYZ color 11.0133, 13.5491, 20.4471 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 11.0133, 13.5491, 20.4471 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 11.0133, 13.5491, 20.4471

Background



This preview shows how black text looks on a background with the XYZ color 11.0133, 13.5491, 20.4471.

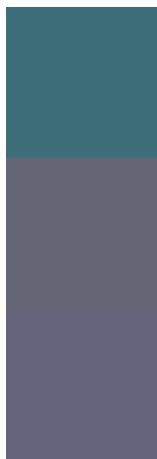


This preview shows how white text looks on a background with the XYZ color 11.0133, 13.5491,

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

11.0133, 13.5491, 20.4471

Protanopia

13.2178, 13.4964, 18.7380

Deuteranopia

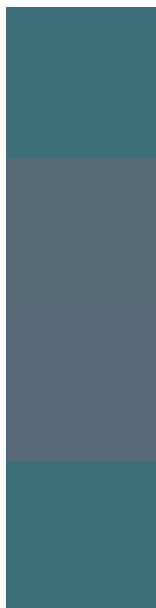
13.6748, 13.3944, 20.9334



Tritanopia

10.7692, 13.4444, 19.4802

Trichromacy



Original Color

11.0133, 13.5491, 20.4471

Protanomaly

12.2191, 13.4135, 19.3978

Deuteranomaly

12.4559, 13.3569, 20.6605

Tritanomaly

10.8296, 13.4686, 19.7982

Monochromacy



Original Color

11.0133, 13.5491, 20.4471

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0090, 12.4282, 15.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0133, 13.5491, 20.4471 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(61, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(61, 110, 122)  
}
```

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(61, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.0133, 13.5491, 20.4471 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(61, 110, 122) }
```


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

```
.border{ border-color:rgb(61, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(61, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0133, 13.5491, 20.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 110, 122) }
```

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

```
.background{ background-color: rgb(61, 110,  
122) }
```

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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