

Converting Colors

XYZ(11.9062, 15.6563, 20.5606)

Have a look what the booklet for
XYZ(11.9062, 15.6563, 20.5606)
contains.

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Color

**XYZ(11.9126, 15.7130,
20.4942)**

Conversions

Conversions Part 1

Format	Color
Hex	3A7879
RGB	58, 120, 121
RGB Percent	23%, 47%, 47%
CMY	0.7725, 0.5294, 0.5255
CMYK	0.52, 0.01, 0.00, 0.53
HSL	181°, 35%, 35%
HSV	181°, 52%, 47%
XYZ	11.9126, 15.7130, 20.4942
YIQ	101.5760, -37.2730, -12.8330

Conversions

Conversions Part 2

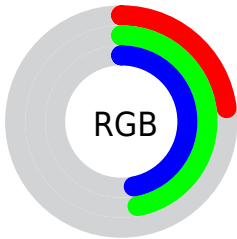
Format	Color
RYB	58, 89, 121
Decimal	3831929
CIELab	46.60, -19.59, -6.69
CIELCh	47, 20.699, 198.870
Yxy	15.7130, 0.2476, 0.3265
Android (android.graphics.Color)	4282022009 (0xFF3A7879)
YUV	101.5760, 9.5760, -38.2162
Hunter-Lab	39.6396, -15.7261, -2.9060

Details

The XYZ color **11.9126, 15.7130, 20.4942** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.2131, 7.4986, 4.9124**, and the grayscale version is **12.5021, 13.1532, 14.3238**.

A 20% lighter version of the original color is **29.0419, 36.2838, 45.0080**, and **3.4558, 4.9875, 7.0839** is the 20% darker color. If you saturate the color by 10%, you get **11.2673, 15.3465, 20.4577**, and if you desaturate by 10%, it is **12.7243, 16.1661, 20.5392**.

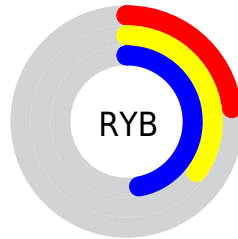
Distribution



Red (23%)

Green (47%)

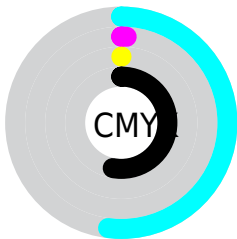
Blue (47%)



Red (23%)

Yellow (35%)

Blue (47%)

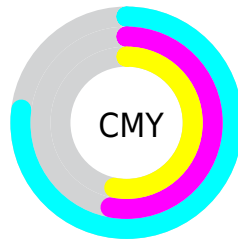


Cyan (52%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9126, 15.7130, 20.4942 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 11.9126, 15.7130, 20.4942 by changing the saturation by 10% instead.

■ 11.9126, 15.7130,
20.4942

■ 11.9126, 15.7130,
20.4942

197.6076,
227.6422, 267.2703

■ 6.7560, 9.3213,
12.5672

■ 28.9541, 36.0992,
45.1140

■ 3.3549, 4.9513,
7.0040

■ 41.5696, 50.8626,
62.6439

■ 1.3441, 2.2187,
3.3861

■ 57.4022, 69.1852,
84.2117

■ 0.2159, 0.7302,
1.2950

■ 76.8171, 91.4516,
110.2362

■ 0.0000, 0.0000,
0.0577

■ 100.1797,
118.0461, 141.1357

■ 0.0000, 0.0000,
0.0000

■ 127.8555,

149.3531, 177.3289

160.2096,
185.7570, 219.2342

■ 11.9126, 15.7130,
20.4942

■ 11.9126, 15.7130,
20.4942

■ 11.2673, 15.3465,
20.4577

■ 12.7243, 16.1661,
20.5392

■ 10.7751, 15.0586,
20.4281

■ 13.7116, 16.7094,
20.5920

■ 10.4233, 14.8432,
20.4051

■ 14.8846, 17.3485,
20.6535

■ 10.1963, 14.6921,
20.3879

■ 16.2525, 18.0882,
20.7242

■ 10.0579, 14.5939,
20.3762

■ 17.8236, 18.9327,
20.8044

■ 19.6060, 19.8861,
20.8945

■ 21.6070, 20.9524,
20.9948

■ 23.8339, 22.1352,
21.1058

■ 26.2935, 23.4380,
21.2276

Harmonies

Analogous

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



11.8096, 15.7130, 15.2780



11.9126, 15.7130, 20.4942



12.7860, 15.7130, 25.6463

Triad

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



11.9126, 15.7130, 20.4942



17.6763, 15.7130, 24.4351



15.6081, 15.7130, 9.1535

Complementary

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



11.9126, 15.7130, 20.4942



10.2131, 7.4986, 4.9124

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.



17.3117, 15.7130, 10.7136



11.9126, 15.7130, 20.4942



18.5676, 15.7130, 19.0802

Square

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



11.9126, 15.7130, 20.4942



16.0743, 15.7130, 28.2166



18.4291, 15.7130, 14.1184



13.8504, 15.7130, 9.3820

Rectangle

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



11.9126, 15.7130, 20.4942



13.7296, 15.7130, 28.0317



18.4291, 15.7130, 14.1184



16.2084, 15.7130, 9.4713

Sweetspot

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



11.9131, 15.7136, 20.4946



27.9977, 31.7938, 37.0541



9.3464, 14.8801, 6.3829



6.3119, 7.2211, 8.4678



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.



11.9131, 15.7136, 20.4946



20.0287, 27.3958, 36.6252



8.8106, 9.5087, 19.4604



4.1019, 4.5021, 5.0960



10.7776, 15.6377, 21.8356



51.3476, 74.4677, 104.1372

Inverse Universe

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



12.7888, 8.4475, 18.7265



21.7873, 12.9380, 33.0445



12.2633, 11.5991, 5.5959



4.1519, 4.0765, 4.9974



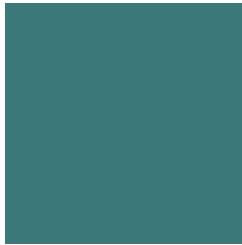
12.0234, 5.7855, 19.2119



57.3210, 27.5847, 91.4754

Previews

White Background



This preview shows how the XYZ color 11.9126, 15.7130, 20.4942 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 11.9126, 15.7130, 20.4942 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 11.9126, 15.7130, 20.4942

Background



This preview shows how black text looks on a background with the XYZ color 11.9126, 15.7130, 20.4942.



This preview shows how white text looks on a background with the XYZ color 11.9126, 15.7130,

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

11.9126, 15.7130, 20.4942

Protanopia

14.9363, 15.4672, 18.1178

Deuteranopia

15.8352, 15.5480, 21.2352



Tritanopia

12.4176, 15.7443, 22.8065

Trichromacy



Original Color

11.9126, 15.7130, 20.4942

Protanomaly

13.4304, 15.3188, 19.0786

Deuteranomaly

13.9854, 15.3981, 20.9739

Tritanomaly

12.1620, 15.6350, 21.7789

Monochromacy



Original Color

11.9126, 15.7130, 20.4942

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0667, 14.0198, 16.5381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9126, 15.7130, 20.4942 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(58, 120, 121)` looks like.

```
.text, #text, p{  
    color:rgb(58, 120, 121)  
}
```

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(58, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 11.9126, 15.7130, 20.4942 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(58, 120, 121) }
```


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

```
.border{ border-color:rgb(58, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(58, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9126, 15.7130, 20.4942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 120, 121) }
```

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

```
.background{ background-color: rgb(58, 120,  
121) }
```

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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