

Converting Colors

XYZ(19.5260, 11.1169, 5.6142)

Have a look what the booklet for
XYZ(19.5260, 11.1169, 5.6142)
contains.

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Color

**XYZ(19.5328, 11.0955,
5.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	B0283E
RGB	176, 40, 62
RGB Percent	69%, 16%, 24%
CMY	0.3098, 0.8431, 0.7569
CMYK	0.00, 0.77, 0.65, 0.31
HSL	350°, 63%, 42%
HSV	350°, 77%, 69%
XYZ	19.5328, 11.0955, 5.6696
YIQ	83.1720, 73.9940, 35.6740

Conversions

Conversions Part 2

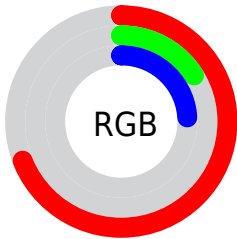
Format	Color
R _Y B	176, 40, 62
Decimal	11544638
CIE Lab	39.74, 54.80, 21.42
CIE LCh	40, 58.837, 21.351
Yxy	11.0955, 0.5381, 0.3057
Android (android.graphics.Color)	4289734718 (0xFFB0283E)
YUV	83.1720, -10.4378, 81.4102
Hunter-Lab	33.3099, 46.3794, 13.2253

Details

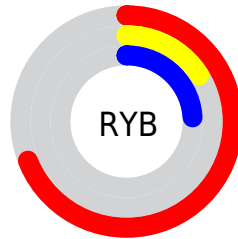
The XYZ color **19.5328, 11.0955, 5.6696** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22.2343, 33.8352, 35.9350**, and the grayscale version is **8.2679, 8.6985, 9.4727**.

A 20% lighter version of the original color is **42.0531, 27.8440, 17.6260**, and **7.3287, 3.7635, 1.0020** is the 20% darker color. If you saturate the color by 10%, you get **18.7173, 10.0269, 3.6644**, and if you desaturate by 10%, it is **20.7288, 12.7494, 8.3442**.

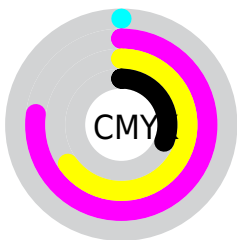
Distribution



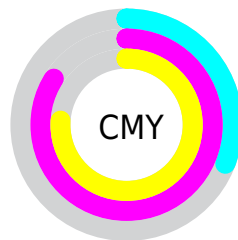
- Red (69%)
- Green (16%)
- Blue (24%)



- Red (69%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (77%)
- Yellow (65%)
- Black (31%)





- Cyan (31%)
- Magenta (84%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.5328, 11.0955, 5.6696 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 19.5328, 11.0955, 5.6696 by changing the saturation by 10% instead.


 19.5328, 11.0955,
5.6696


 19.5328, 11.0955,
5.6696


242.2566,
198.3216, 165.2874


 12.1622, 6.1311,
2.5797


 42.1424, 27.8366,
17.7068


 6.9272, 2.9250,
0.8820


 58.1122, 40.3822,
27.4913


 3.4625, 1.0927,
0.0000

 77.6790, 56.2235,
40.3443

 1.4028, 0.0000,
0.0000

 101.2082, 75.7451,
56.6845

 0.2582, 0.0000,
0.0000

 129.0652, 99.3313,
76.9304

 0.0000, 0.0000,
0.0000

 161.6154,

127.3665, 101.5004

199.2241,
160.2351, 130.8133

■ 19.5328, 11.0955,
5.6696

■ 19.5328, 11.0955,
5.6696

■ 18.7173, 10.0269,
3.6644

■ 20.7288, 12.7494,
8.3442

■ 18.2241, 9.4415,
2.2637

■ 22.3451, 15.0549,
11.7411

■ 18.1195, 9.3161,
1.9709

■ 24.4173, 18.0716,
15.9086

■ 26.9769, 21.8516,
20.8904

■ 30.0525, 26.4422,
26.7270

■ 33.6707, 31.8868,
33.4562

■ 37.8559, 38.2259,
41.1134

■ 42.6312, 45.4973,
49.7322

■ 48.0185, 53.7365,
59.3445

Harmonies

Analogous

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



20.2095, 11.0955, 15.7347



19.5328, 11.0955, 5.6696



16.1626, 11.0955, 1.7171

Triad

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



19.5328, 11.0955, 5.6696



5.5786, 11.0955, 2.8465



9.4232, 11.0955, 49.9731

Complementary

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



19.5328, 11.0955, 5.6696



22.2343, 33.8352, 35.9350

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.



6.4095, 11.0955, 39.0161



19.5328, 11.0955, 5.6696



4.5911, 11.0955, 9.0420

Square

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



19.5328, 11.0955, 5.6696



7.9692, 11.0955, 0.9592



4.8507, 11.0955, 22.0938



13.6256, 11.0955, 46.7703

Rectangle

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



19.5328, 11.0955, 5.6696



13.2225, 11.0955, 0.8929



4.8507, 11.0955, 22.0938



8.2574, 11.0955, 47.6579

Sweetspot

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



19.5331, 11.0962, 5.6698



56.9222, 51.5856, 52.9946



21.7957, 11.4578, 42.1369



11.8555, 10.4580, 10.5862



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.5331, 11.0962, 5.6698



33.2474, 17.3482, 4.6796



21.5629, 15.9340, 3.9475



8.5506, 8.5269, 9.1317



13.3096, 6.8414, 1.5241



0.4359, 0.2221, 0.1383

Inverse Universe

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



19.5331, 11.0962, 5.6698



33.2474, 17.3482, 4.6796



16.7839, 19.7300, 43.9977



8.5506, 8.5269, 9.1317



13.3096, 6.8414, 1.5241



0.4359, 0.2221, 0.1383

Previews

White Background



This preview shows how the XYZ color 19.5328, 11.0955, 5.6696 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



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 19.5328, 11.0955, 5.6696

Background



This preview shows how black text looks on a background with the XYZ color 19.5328, 11.0955, 5.6696.



This preview shows how white text looks on a background with the XYZ color 19.5328, 11.0955,

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

19.5328, 11.0955, 5.6696

Protanopia

10.7485, 11.2981, 10.0018

Deuteranopia

11.4160, 11.2330, 5.1809



Tritanopia

19.0535, 11.1048, 3.6218

Trichromacy



Original Color

19.5328, 11.0955, 5.6696

Protanomaly

12.5057, 9.9314, 8.0953

Deuteranomaly

13.3976, 10.2586, 5.2770

Tritanomaly

19.1406, 11.0807, 4.2619

Monochromacy



Original Color

19.5328, 11.0955, 5.6696

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

10.6133, 8.3042, 7.7001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5328, 11.0955, 5.6696 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(176, 40, 62)` looks like.

```
.text, #text, p{  
    color:rgb(176, 40, 62)  
}
```

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(176, 40, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 40, 62) }
```

Border

The CSS property to change the border of an element to XYZ 19.5328, 11.0955, 5.6696 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(176, 40, 62) }
```


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

```
.border{ border-color:rgb(176, 40, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 40, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 40, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 40, 62);  
box-shadow:4px 4px 4px 4px rgb(176, 40,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5328, 11.0955, 5.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 40, 62) }
```

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

```
.background{ background-color: rgb(176, 40,  
62) }
```

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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