

Converting Colors

XYZ(11.6014, 5.5484, 55.8551)

Have a look what the booklet for
XYZ(11.6014, 5.5484, 55.8551)
contains.

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Color

**XYZ(11.5932, 5.5660,
55.7217)**

Conversions

Conversions Part 1

Format	Color
Hex	1D21C9
RGB	29, 33, 201
RGB Percent	11%, 13%, 79%
CMY	0.8862, 0.8706, 0.2118
CMYK	0.86, 0.84, 0.00, 0.21
HSL	239°, 75%, 45%
HSV	239°, 86%, 79%
XYZ	11.5932, 5.5660, 55.7217
YIQ	50.9560, -56.3120, 51.4000

Conversions

Conversions Part 2

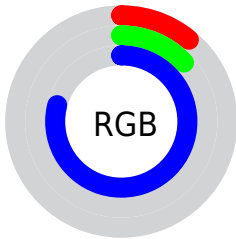
Format	Color
R_{YB}	29, 33, 201
Decimal	1909193
CIE _{Lab}	28.29, 57.06, -83.61
CIE _{LCh}	28, 101.227, 304.311
Yxy	5.5660, 0.1591, 0.0764
Android (android.graphics.Color)	4280099273 (0xFF1D21C9)
YUV	50.9560, 73.9717, -19.2554
Hunter-Lab	23.5924, 46.4276, -123.5196

Details

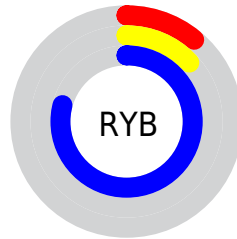
The XYZ color **11.5932, 5.5660, 55.7217** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **44.2815, 52.4503, 8.9537**, and the grayscale version is **3.0640, 3.2236, 3.5105**.

A 20% lighter version of the original color is **27.6988, 16.7860, 96.3879**, and **5.1108, 2.0443, 26.9133** is the 20% darker color. If you saturate the color by 10%, you get **10.8029, 4.5718, 55.5717**, and if you desaturate by 10%, it is **13.0714, 7.3857, 55.9952**.

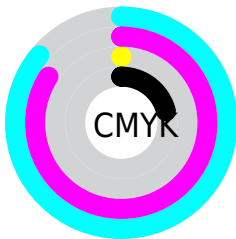
Distribution



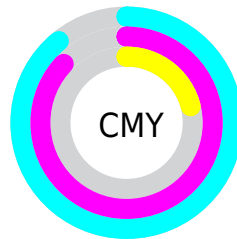
- Red (11%)
- Green (13%)
- Blue (79%)



- Red (11%)
- Yellow (13%)
- Blue (79%)



- Cyan (86%)
- Magenta (84%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (87%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5932, 5.5660, 55.7217 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 11.5932, 5.5660, 55.7217 by changing the saturation by 10% instead.

■ 11.5932, 5.5660,
55.7217

■ 11.5932, 5.5660,
55.7217

195.5187,
155.1519, 426.0007

■ 6.5375, 2.5830,
39.5773

■ 28.3753, 17.0238,
100.0793

■ 3.2183, 0.9181,
26.8979

■ 40.8325, 26.2674,
129.1296

■ 1.2703, 0.0000,
17.2648

■ 56.4876, 38.3667,
163.3190

■ 0.1608, 0.0000,
10.2595

■ 75.7059, 53.7060,
203.0659

■ 0.0000, 0.0000,
5.4635

■ 98.8528, 72.6698,
248.7890


■ 0.0000, 0.0000,
2.4582

■ 126.2937, 95.6425,

■ 0.0000, 0.0000,

300.9068

0.8179

 158.3938,
123.0084, 359.8379


 0.0000, 0.0000,
0.0000


 11.5932, 5.5660,
55.7217


 11.5932, 5.5660,
55.7217


 10.8029, 4.5718,
55.5717

 13.0714, 7.3857,
55.9952

 10.5931, 4.3179,
55.5337

 15.3472, 10.1596,
56.4107

 18.5119, 13.9941,
56.9840

 22.6444, 18.9815,
57.7289

 27.8147, 25.2041,
58.6575

■ 34.0863, 32.7366,
59.7809

■ 41.5179, 41.6480,
61.1092

■ 50.1636, 52.0022,
62.6521

■ 60.0745, 63.8593,
64.4184

Harmonies

Analogous

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



5.9485, 5.5660, 75.8610



11.5932, 5.5660, 55.7217



17.0751, 5.5660, 23.6616

Triad

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



11.5932, 5.5660, 55.7217



9.8411, 5.5660, 0.0000



0.5126, 5.5660, 8.0587

Complementary

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



11.5932, 5.5660, 55.7217



44.2815, 52.4503, 8.9537

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.



0.7499, 5.5660, 0.3423



11.5932, 5.5660, 55.7217



4.6826, 5.5660, 0.0000

Square

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



11.5932, 5.5660, 55.7217



15.7304, 5.5660, 0.0000



1.8232, 5.5660, 0.0000



0.9392, 5.5660, 32.3265

Rectangle

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



11.5932, 5.5660, 55.7217



18.8601, 5.5660, 8.7772



1.8232, 5.5660, 0.0000



0.5178, 5.5660, 3.9715

Sweetspot

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



11.5937, 5.5660, 55.7219



57.4258, 54.9282, 102.1833



31.2746, 45.9872, 59.0167



11.4487, 10.7451, 21.7205



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



11.5937, 5.5660, 55.7219



18.1140, 7.3480, 95.0713



17.3234, 8.3656, 55.9603



10.0760, 10.3261, 13.3796



6.6697, 2.7334, 34.9204



0.3228, 0.1435, 1.6558

Inverse Universe

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



24.8018, 13.4071, 2.7191



41.2723, 21.2729, 2.1001



28.9579, 45.9087, 8.4987



10.6436, 10.6408, 11.1067



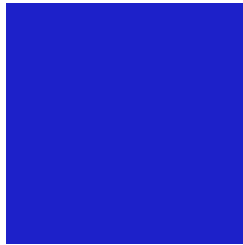
15.1659, 7.8159, 0.8176



0.7216, 0.3715, 0.0574

Previews

White Background



This preview shows how the XYZ color 11.5932, 5.5660, 55.7217 looks on a white background.

Color Contrast Check

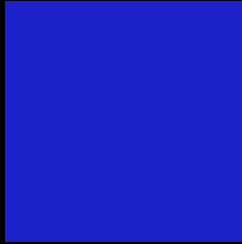
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 11.5932, 5.5660, 55.7217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

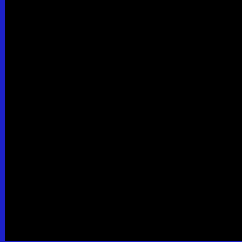
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5932, 5.5660, 55.7217

Background



This preview shows how black text looks on a background with the XYZ color 11.5932, 5.5660, 55.7217.



This preview shows how white text looks on a background with the XYZ color 11.5932, 5.5660,

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

11.5932, 5.5660, 55.7217

Protanopia

6.2066, 5.4161, 23.6400

Deuteranopia

5.2226, 5.4940, 17.0049



Tritanopia

3.8239, 5.4476, 8.0577

Trichromacy



Original Color

11.5932, 5.5660, 55.7217

Protanomaly

7.6691, 5.1206, 33.3850

Deuteranomaly

6.7405, 4.9748, 27.7991

Tritanomaly

5.2771, 4.6291, 19.3543

Monochromacy



Original Color

11.5932, 5.5660, 55.7217

Achromatopsia

3.1466, 3.3105, 3.6051

Achromatomaly

4.4985, 3.3556, 14.0463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5932, 5.5660, 55.7217 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(29, 33, 201)` looks like.

```
.text, #text, p{  
    color:rgb(29, 33, 201)  
}
```

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(29, 33, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 33, 201) }
```

Border

The CSS property to change the border of an element to XYZ 11.5932, 5.5660, 55.7217 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(29, 33, 201) }
```


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

```
.border{ border-color:rgb(29, 33, 201) }
```

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

Here you see how a box with a 4 pixel rgb(29, 33, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 33, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 33, 201);  
box-shadow:4px 4px 4px 4px rgb(29, 33,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5932, 5.5660, 55.7217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 33, 201) }
```

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

```
.background{ background-color: rgb(29, 33,  
201) }
```

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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