

Converting Colors

XYZ(11.8777, 11.3270, 11.2134)

Have a look what the booklet for
XYZ(11.8777, 11.3270, 11.2134)
contains.

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Color

**XYZ(11.9320, 11.3655,
11.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5A5A
RGB	110, 90, 90
RGB Percent	43%, 35%, 35%
CMY	0.5686, 0.6470, 0.6471
CMYK	0.00, 0.18, 0.18, 0.57
HSL	0°, 10%, 39%
HSV	0°, 18%, 43%
XYZ	11.9320, 11.3655, 11.2377
YIQ	95.9800, 11.9200, 4.2400

Conversions

Conversions Part 2

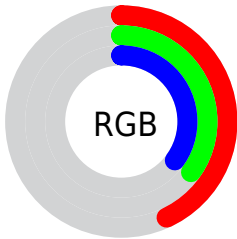
Format	Color
R_{YB}	110, 90, 90
Decimal	7232090
CIE Lab	40.19, 8.16, 3.06
CIE LCh	40, 8.719, 20.574
Yxy	11.3655, 0.3455, 0.3291
Android (android.graphics.Color)	4285422170 (0xFF6E5A5A)
YUV	95.9800, -2.9481, 12.2955
Hunter-Lab	33.7128, 4.1794, 3.8354

Details

The XYZ color **11.9320, 11.3655, 11.2377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6067, 14.4509, 16.8767**, and the grayscale version is **11.1185, 11.6975, 12.7386**.

A 20% lighter version of the original color is **29.0120, 28.3310, 28.7503**, and **3.3609, 3.0150, 2.8874** is the 20% darker color. If you saturate the color by 10%, you get **10.6380, 9.4721, 8.6648**, and if you desaturate by 10%, it is **13.4332, 13.5623, 14.2218**.

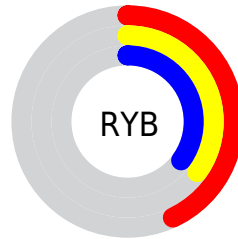
Distribution



Red (43%)

Green (35%)

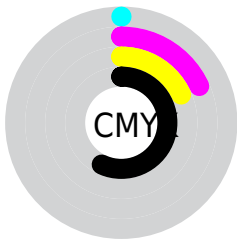
Blue (35%)



Red (43%)

Yellow (35%)

Blue (35%)

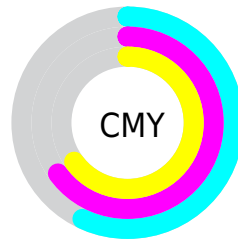


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (57%)



Cyan (57%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9320, 11.3655, 11.2377 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 11.9320, 11.3655, 11.2377 by changing the saturation by 10% instead.

■ 11.9320, 11.3655,
11.2377

■ 11.9320, 11.3655,
11.2377

197.7337,
200.1582, 210.0868

■ 6.7693, 6.3132,
6.1108

■ 28.9891, 28.3341,
28.7422

■ 3.3633, 3.0365,
2.8427

■ 41.6142, 41.0192,
41.9569

■ 1.3486, 1.1508,
1.0149

■ 57.4575, 57.0174,
58.7046

■ 0.2192, 0.0210,
0.0000

■ 76.8843, 76.7130,
79.4038

■ 0.0000, 0.0000,
0.0000

■ 100.2599,
100.4906, 104.4731

127.9498,

128.7343, 134.3310

160.3193,
161.8287, 169.3960

■ 11.9320, 11.3655,
11.2377

■ 11.9320, 11.3655,
11.2377

■ 10.6380, 9.4721,
8.6648

■ 13.4332, 13.5623,
14.2218

■ 9.5413, 7.8673,
6.4846

■ 15.1493, 16.0733,
17.6334

■ 8.6324, 6.5373,
4.6778

■ 17.0884, 18.9108,
21.4886

■ 7.9009, 5.4669,
3.2236

■ 19.2583, 22.0858,
25.8024

■ 7.3351, 4.6390,
2.0990

■ 21.6662, 25.6091,
30.5894

■ 6.9221, 4.0347,
1.2781

■ 24.3189, 29.4906,
35.8633

■ 6.6471, 3.6322,
0.7315

■ 27.2231, 33.7402,
41.6372

■ 6.4632, 3.3631,
0.3659

■ 30.3853, 38.3672,
47.9239

■ 6.4306, 3.3153,
0.3010

■ 33.8115, 43.3806,
54.7357

Harmonies

Analogous

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



11.9948, 11.3655, 12.9304



11.9320, 11.3655, 11.2377



11.5605, 11.3655, 9.9695

Triad

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



11.9320, 11.3655, 11.2377



9.9262, 11.3655, 10.3722



10.6126, 11.3655, 15.9724

Complementary

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



11.9320, 11.3655, 11.2377



12.6067, 14.4509, 16.8767

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.



10.0785, 11.3655, 15.1395



11.9320, 11.3655, 11.2377



9.6921, 11.3655, 11.8360

Square

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



11.9320, 11.3655, 11.2377



10.3978, 11.3655, 9.5032



9.7468, 11.3655, 13.5868



11.2178, 11.3655, 15.7741

Rectangle

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



11.9320, 11.3655, 11.2377



11.1952, 11.3655, 9.4840



9.7468, 11.3655, 13.5868



10.4192, 11.3655, 15.8010

Sweetspot

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



11.9323, 11.3660, 11.2379



24.4694, 25.1027, 26.7217



12.9011, 11.7532, 16.3405



5.6587, 5.7896, 6.1477



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.9323, 11.3660, 11.2379



19.9104, 18.4317, 17.6583



12.8331, 13.1676, 11.5382



3.3845, 3.4016, 3.5515



7.7251, 3.9827, 0.3616



38.4816, 19.8385, 1.8010

Inverse Universe

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



12.6067, 14.4509, 16.8767



21.3387, 24.9654, 29.6014



11.5882, 12.4139, 16.5372



3.4749, 3.8151, 4.3075



10.0778, 14.7459, 20.0367



50.2016, 73.4550, 99.8115

Previews

White Background



This preview shows how the XYZ color 11.9320, 11.3655, 11.2377 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 11.9320, 11.3655, 11.2377 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

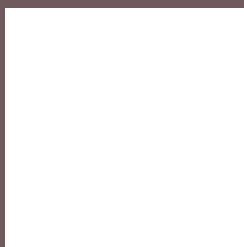
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9320, 11.3655, 11.2377

Background



This preview shows how black text looks on a background with the XYZ color 11.9320, 11.3655, 11.2377.



This preview shows how white text looks on a background with the XYZ color 11.9320, 11.3655,

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

11.9320, 11.3655, 11.2377

Protanopia

10.8642, 11.3195, 11.7375

Deuteranopia

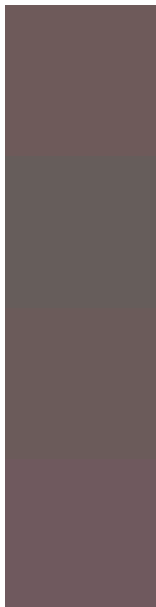
11.6165, 11.4566, 11.2720



Tritanopia

12.2392, 11.3688, 12.6156

Trichromacy



Original Color

11.9320, 11.3655, 11.2377

Protanomaly

11.2822, 11.4088, 11.5050

Deuteranomaly

11.6500, 11.3462, 11.2489

Tritanomaly

12.1483, 11.3324, 12.1368

Monochromacy



Original Color

11.9320, 11.3655, 11.2377

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3899, 11.5803, 12.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9320, 11.3655, 11.2377 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(110, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(110, 90, 90)  
}
```

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(110, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 90, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.9320, 11.3655, 11.2377 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(110, 90, 90) }
```


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

```
.border{ border-color:rgb(110, 90, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 90, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(110, 90,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9320, 11.3655, 11.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 90, 90) }
```

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

```
.background{ background-color: rgb(110, 90,  
90) }
```

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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