

Converting Colors

XYZ(11.2997, 12.0360, 13.6451)

Have a look what the booklet for
XYZ(11.2997, 12.0360, 13.6451)
contains.

XYZ(11.2359, 12.0159, 13.5315)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.2359, 12.0159,
13.5315)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6263
RGB	94, 98, 99
RGB Percent	37%, 38%, 39%
CMY	0.6314, 0.6157, 0.6118
CMYK	0.05, 0.01, 0.00, 0.61
HSL	192°, 3%, 38%
HSV	192°, 5%, 39%
XYZ	11.2359, 12.0159, 13.5315
YIQ	96.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

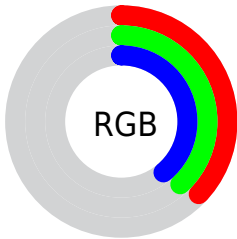
Format	Color
RYB	94, 96, 99
Decimal	6185571
CIELab	41.24, -1.34, -1.11
CIELCh	41, 1.742, 219.782
Yxy	12.0159, 0.3055, 0.3267
Android (android.graphics.Color)	4284375651 (0xFF5E6263)
YUV	96.9180, 1.0264, -2.5591
Hunter-Lab	34.6640, -2.8033, 1.1202

Details

The XYZ color **11.2359, 12.0159, 13.5315** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2582, 11.6451, 12.2442**, and the grayscale version is **11.3405, 11.9310, 12.9929**.

A 20% lighter version of the original color is **27.7541, 29.6262, 33.1098**, and **3.0895, 3.3414, 3.8503** is the 20% darker color. If you saturate the color by 10%, you get **10.1026, 11.1608, 13.4264**, and if you desaturate by 10%, it is **12.5047, 12.9483, 13.6448**.

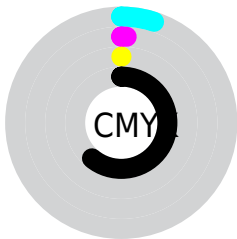
Distribution



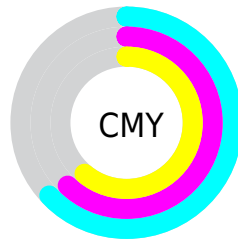
- Red (37%)
- Green (38%)
- Blue (39%)



- Red (37%)
- Yellow (38%)
- Blue (39%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2359, 12.0159, 13.5315 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 11.2359, 12.0159, 13.5315 by changing the saturation by 10% instead.

■ 11.2359, 12.0159,
13.5315

■ 11.2359, 12.0159,
13.5315

193.1539,
204.5105, 225.6226

■ 6.2942, 6.7545,
7.6605

■ 27.7247, 29.5241,
32.9605

■ 3.0671, 3.3090,
3.7939

■ 40.0024, 42.5396,
47.3556

■ 1.1894, 1.2951,
1.5130

■ 55.4563, 58.9087,
65.4291

■ 0.0979, 0.1374,
0.2275

■ 74.4515, 79.0157,
87.5997

■ 0.0000, 0.0000,
0.0000

97.3536, 103.2449,
114.2857

124.5278,

131.9809, 145.9059

156.3394,
165.6080, 182.8787

■ 11.2359, 12.0159,
13.5315

■ 11.2359, 12.0159,
13.5315

■ 10.1026, 11.1608,
13.4264

■ 12.5047, 12.9483,
13.6448

■ 9.0987, 10.3788,
13.3283

■ 13.9127, 13.9590,
13.7657

■ 8.2195, 9.6678,
13.2374

■ 15.4647, 15.0507,
13.8946

■ 7.4593, 9.0248,
13.1534

■ 17.1649, 16.2258,
14.0318

■ 6.8120, 8.4465,
13.0759

■ 19.0173, 17.4864,
14.1775

6.2710, 7.9296,
13.0046

21.0260, 18.8345,
14.3318

5.8289, 7.4701,
12.9392

23.1946, 20.2721,
14.4950

5.4775, 7.0639,
12.8794

25.5269, 21.8012,
14.6672

5.1977, 6.7010,
12.8240

28.0262, 23.4236,
14.8486

Harmonies

Analogous

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



11.1841, 12.0159, 13.2013



11.2359, 12.0159, 13.5315



11.3374, 12.0159, 13.7441

Triad

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



11.2359, 12.0159, 13.5315



11.6492, 12.0159, 13.3241



11.3797, 12.0159, 12.4125

Complementary

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



11.2359, 12.0159, 13.5315



11.2582, 11.6451, 12.2442

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.



11.5045, 12.0159, 12.4440



11.2359, 12.0159, 13.5315



11.6607, 12.0159, 12.9659

Square

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



11.2359, 12.0159, 13.5315



11.5762, 12.0159, 13.6228



11.6076, 12.0159, 12.6451



11.2667, 12.0159, 12.5582

Rectangle

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



11.2359, 12.0159, 13.5315



11.4198, 12.0159, 13.7882



11.6076, 12.0159, 12.6451



11.4217, 12.0159, 12.4028

Sweetspot

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



11.2362, 12.0164, 13.5318



19.9018, 21.0780, 23.2695



11.1399, 12.1283, 12.5606



4.7399, 5.0170, 5.5318



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



11.2362, 12.0164, 13.5318



19.0457, 20.4424, 23.1919



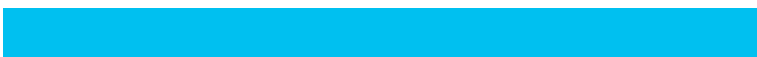
11.0134, 11.5706, 13.4575



2.6753, 2.8717, 3.2585



6.5749, 8.4526, 16.6727



34.4983, 43.9028, 88.8604

Inverse Universe

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



11.3532, 11.5401, 13.1850



19.2896, 19.4531, 22.4675



11.4795, 12.0876, 12.3179



2.7097, 2.7321, 3.1563



8.5444, 4.1926, 9.9867



45.3302, 22.2715, 51.6864

Previews

White Background



This preview shows how the XYZ color 11.2359, 12.0159, 13.5315 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 11.2359, 12.0159, 13.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

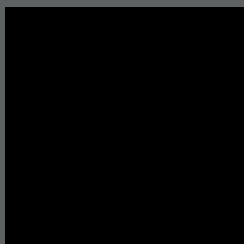
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

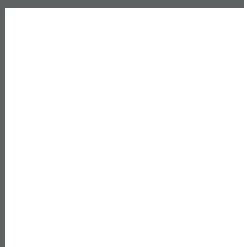
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2359, 12.0159, 13.5315

Background



This preview shows how black text looks on a background with the XYZ color 11.2359, 12.0159, 13.5315.



This preview shows how white text looks on a background with the XYZ color 11.2359, 12.0159,

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

11.2359, 12.0159, 13.5315

Protanopia

11.6249, 12.0839, 13.2750

Deuteranopia

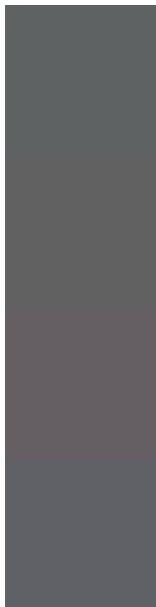
12.1287, 11.9288, 13.7198



Tritanopia

11.5438, 12.0022, 15.0728

Trichromacy



Original Color

11.2359, 12.0159, 13.5315

Protanomaly

11.4091, 11.9726, 13.2649

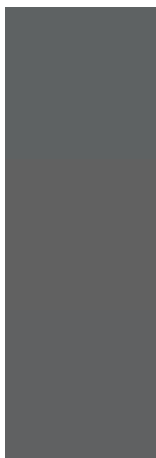
Deuteranomaly

11.7593, 11.8712, 13.7282

Tritanomaly

11.4422, 11.9616, 14.5377

Monochromacy



Original Color

11.2359, 12.0159, 13.5315

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3032, 11.9180, 13.2599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2359, 12.0159, 13.5315 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(94, 98, 99) looks like.

```
.text, #text, p{  
    color:rgb(94, 98, 99)  
}
```

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(94, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 98, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.2359, 12.0159, 13.5315 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(94, 98, 99) }
```


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

```
.border{ border-color:rgb(94, 98, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 98, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 98, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2359, 12.0159, 13.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 98, 99) }
```

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

```
.background{ background-color: rgb(94, 98,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor