

Converting Colors

XYZ(10.9337, 11.9690, 14.3045)

Have a look what the booklet for
XYZ(10.9337, 11.9690, 14.3045)
contains.

XYZ(10.9799, 12.0068, 14.3092)	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(10.9799, 12.0068,
14.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	596366
RGB	89, 99, 102
RGB Percent	35%, 39%, 40%
CMY	0.6510, 0.6118, 0.6000
CMYK	0.13, 0.03, 0.00, 0.60
HSL	194°, 7%, 37%
HSV	194°, 13%, 40%
XYZ	10.9799, 12.0068, 14.3092
YIQ	96.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

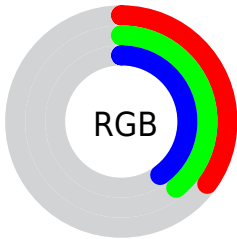
Format	Color
R_{YB}	89, 95, 102
Decimal	5858150
CIE Lab	41.23, -3.15, -3.02
CIE LCh	41, 4.364, 223.717
Yxy	12.0068, 0.2944, 0.3219
Android (android.graphics.Color)	4284048230 (0xFF596366)
YUV	96.3520, 2.7845, -6.4477
Hunter-Lab	34.6508, -4.0772, -0.2285

Details

The XYZ color **10.9799, 12.0068, 14.3092** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1098, 11.2003, 11.0277**, and the grayscale version is **11.1986, 11.7819, 12.8304**.

A 20% lighter version of the original color is **27.3036, 29.6016, 34.4116**, and **2.9590, 3.3356, 4.1023** is the 20% darker color. If you saturate the color by 10%, you get **9.8486, 11.0978, 14.1936**, and if you desaturate by 10%, it is **12.2541, 12.9997, 14.4339**.

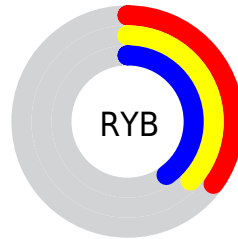
Distribution



Red (35%)

Green (39%)

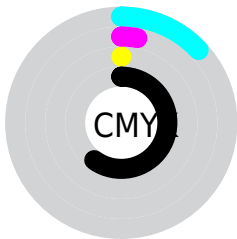
Blue (40%)



Red (35%)

Yellow (37%)

Blue (40%)

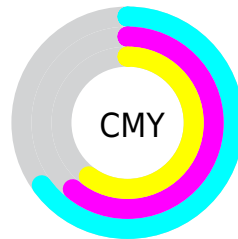


Cyan (13%)

Magenta (3%)

Yellow (0%)

Black (60%)



Cyan (65%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9799, 12.0068, 14.3092 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 10.9799, 12.0068, 14.3092 by changing the saturation by 10% instead.

■ 10.9799, 12.0068,
14.3092

■ 10.9799, 12.0068,
14.3092

■ 191.4407,
204.4503, 230.6409

■ 6.1205, 6.7483,
8.1948

■ 27.2563, 29.5075,
34.3616

■ 2.9599, 3.3052,
4.1303

■ 39.4040, 42.5185,
49.1368

■ 1.1326, 1.2931,
1.6971

■ 54.7118, 58.8824,
67.6360

■ 0.0521, 0.1358,
0.3587

■ 73.5452, 78.9837,
90.2777

■ 0.0000, 0.0000,
0.0000

■ 96.2694, 103.2068,
117.4805

123.2498,

131.9359, 149.6630

154.8518,
165.5557, 187.2436

■ 10.9799, 12.0068,
14.3092

■ 10.9799, 12.0068,
14.3092

■ 9.8486, 11.0978,
14.1936

■ 12.2541, 12.9997,
14.4339

■ 8.8535, 10.2683,
14.0859

■ 13.6753, 14.0779,
14.5671

■ 7.9889, 9.5155,
13.9862

■ 15.2490, 15.2444,
14.7093

■ 7.2485, 8.8362,
13.8941

■ 16.9799, 16.5019,
14.8608

■ 6.6252, 8.2265,
13.8092

■ 18.8726, 17.8527,
15.0218

■ 6.1113, 7.6825,
13.7313

■ 20.9314, 19.2991,
15.1924

■ 5.6980, 7.1995,
13.6599

■ 23.1604, 20.8435,
15.3731

■ 5.3728, 6.7709,
13.5943

■ 25.5638, 22.4879,
15.5638

■ 5.1565, 6.4757,
13.5487

■ 28.1455, 24.2345,
15.7648

Harmonies

Analogous

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



10.8337, 12.0068, 13.4890



10.9799, 12.0068, 14.3092



11.2431, 12.0068, 14.8101

Triad

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



10.9799, 12.0068, 14.3092



12.0034, 12.0068, 13.5658



11.2691, 12.0068, 11.4595

Complementary

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



10.9799, 12.0068, 14.3092



11.1098, 11.2003, 11.0277

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.



11.5828, 12.0068, 11.4780



10.9799, 12.0068, 14.3092



12.0107, 12.0068, 12.6663

Square

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



10.9799, 12.0068, 14.3092



11.8358, 12.0068, 14.3676



11.8555, 12.0068, 11.9108



10.9986, 12.0068, 11.8593

Rectangle

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



10.9799, 12.0068, 14.3092



11.4514, 12.0068, 14.8819



11.8555, 12.0068, 11.9108



11.3729, 12.0068, 11.4176

Sweetspot

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



10.9802, 12.0073, 14.3095



21.1696, 22.5512, 25.2827



10.7951, 12.3963, 11.9072



4.9624, 5.2955, 5.9613



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.9802, 12.0073, 14.3095



18.6996, 20.6155, 25.0393



10.4049, 10.8566, 14.1177



2.8528, 3.0837, 3.5768



6.5931, 8.2580, 17.3908



33.7024, 41.7015, 90.4743

Inverse Universe

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



11.3042, 10.8706, 13.3074



19.3797, 18.2585, 22.9291



11.6802, 12.3410, 11.2178



2.9103, 2.8788, 3.4000



8.8106, 4.3372, 9.6668



45.6066, 22.4826, 48.5990

Previews

White Background



This preview shows how the XYZ color 10.9799, 12.0068, 14.3092 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 10.9799, 12.0068, 14.3092 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

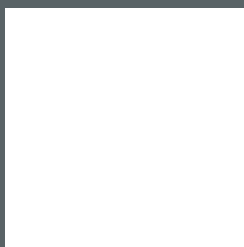
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9799, 12.0068, 14.3092

Background



This preview shows how black text looks on a background with the XYZ color 10.9799, 12.0068, 14.3092.



This preview shows how white text looks on a background with the XYZ color 10.9799, 12.0068,

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

10.9799, 12.0068, 14.3092

Protanopia

11.6607, 12.0856, 14.0301

Deuteranopia

12.1598, 11.9277, 14.4934



Tritanopia

11.1857, 11.9496, 15.3526

Trichromacy



Original Color

10.9799, 12.0068, 14.3092

Protanomaly

11.4360, 12.1078, 14.0462

Deuteranomaly

11.7766, 11.9977, 14.5270

Tritanomaly

11.1339, 11.9289, 15.0803

Monochromacy



Original Color

10.9799, 12.0068, 14.3092

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9935, 11.7584, 13.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9799, 12.0068, 14.3092 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(89, 99, 102) looks like.

```
.text, #text, p{  
    color:rgb(89, 99, 102)  
}
```

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(89, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 10.9799, 12.0068, 14.3092 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(89, 99, 102) }
```


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

```
.border{ border-color:rgb(89, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(89, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9799, 12.0068, 14.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 99, 102) }
```

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

```
.background{ background-color: rgb(89, 99,  
102) }
```

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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