

Converting Colors

XYZ(11.2990, 12.5598, 14.8994)

Have a look what the booklet for
XYZ(11.2990, 12.5598, 14.8994)
contains.

XYZ(11.3699, 12.6261, 14.9345)	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(11.3699, 12.6261,
14.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	596668
RGB	89, 102, 104
RGB Percent	35%, 40%, 41%
CMY	0.6510, 0.6000, 0.5922
CMYK	0.14, 0.02, 0.00, 0.59
HSL	188°, 8%, 38%
HSV	188°, 14%, 41%
XYZ	11.3699, 12.6261, 14.9345
YIQ	98.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

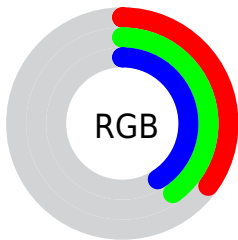
Format	Color
R_{YB}	89, 96, 104
Decimal	5858920
CIE _{Lab}	42.19, -4.47, -2.81
CIE _{LCh}	42, 5.283, 212.110
Yxy	12.6261, 0.2921, 0.3243
Android (android.graphics.Color)	4284049000 (0xFF596668)
YUV	98.3410, 2.7899, -8.1921
Hunter-Lab	35.5332, -5.0668, -0.0461

Details

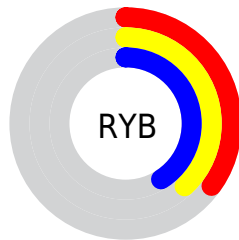
The XYZ color **11.3699, 12.6261, 14.9345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2532, 11.1464, 11.0098**, and the grayscale version is **11.6895, 12.2983, 13.3928**.

A 20% lighter version of the original color is **27.9551, 30.6380, 35.4507**, and **3.1010, 3.5414, 4.3910** is the 20% darker color. If you saturate the color by 10%, you get **10.3067, 11.8779, 14.8463**, and if you desaturate by 10%, it is **12.5772, 13.4526, 15.0306**.

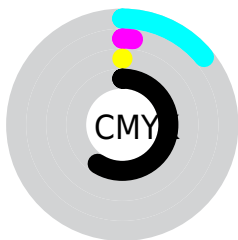
Distribution



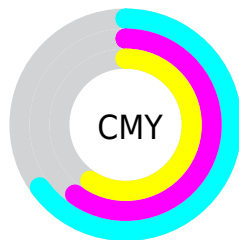
- Red (35%)
- Green (40%)
- Blue (41%)



- Red (35%)
- Yellow (38%)
- Blue (41%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3699, 12.6261, 14.9345 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 11.3699, 12.6261, 14.9345 by changing the saturation by 10% instead.

■ 11.3699, 12.6261,
14.9345

■ 11.3699, 12.6261,
14.9345

■ 194.0443,
208.5073, 234.5965

■ 6.3853, 7.1716,
8.6273

■ 27.9691, 30.6304,
35.4789

■ 3.1236, 3.5696,
4.4054

■ 40.3144, 43.9490,
50.5532

■ 1.2195, 1.4359,
1.8503

■ 55.8441, 60.6577,
69.3870

■ 0.1217, 0.2429,
0.4608

■ 74.9234, 81.1410,
92.3987

■ 0.0000, 0.0000,
0.0000

■ 97.9177, 105.7832,
120.0070

125.1924,

134.9687, 152.6304

157.1128,
169.0819, 190.6874

■ 11.3699, 12.6261,
14.9345

■ 11.3699, 12.6261,
14.9345

■ 10.3067, 11.8779,
14.8463

■ 12.5772, 13.4526,
15.0306

■ 9.3805, 11.2033,
14.7649

■ 13.9329, 14.3588,
15.1341

■ 8.5854, 10.5997,
14.6903

■ 15.4428, 15.3478,
15.2454

■ 7.9146, 10.0635,
14.6222

■ 17.1118, 16.4222,
15.3648

■ 7.3607, 9.5908,
14.5601

■ 18.9446, 17.5846,
15.4926

6.9154, 9.1775,
14.5038

20.9458, 18.8372,
15.6289

6.5694, 8.8186,
14.4528

23.1199, 20.1824,
15.7739

6.3055, 8.5053,
14.4062

25.4710, 21.6224,
15.9280

6.1673, 8.3366,
14.3809

28.0031, 23.1592,
16.0911

Harmonies

Analogous

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



11.2589, 12.6261, 13.8278



11.3699, 12.6261, 14.9345



11.6495, 12.6261, 15.7576

Triad

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



11.3699, 12.6261, 14.9345



12.6834, 12.6261, 14.7886



11.9728, 12.6261, 11.6899

Complementary

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



11.3699, 12.6261, 14.9345



11.2532, 11.1464, 11.0098

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.



12.3589, 12.6261, 11.9164



11.3699, 12.6261, 14.9345



12.7745, 12.6261, 13.6679

Square

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



11.3699, 12.6261, 14.9345



12.4083, 12.6261, 15.6702



12.6545, 12.6261, 12.6255



11.6022, 12.6261, 11.9892

Rectangle

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



11.3699, 12.6261, 14.9345



11.8970, 12.6261, 16.0127



12.6545, 12.6261, 12.6255



12.1051, 12.6261, 11.7070

Sweetspot

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



11.3703, 12.6266, 14.9348



22.1351, 23.6484, 26.3750



10.9479, 12.7757, 11.7302



5.3675, 5.7473, 6.4323



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.3703, 12.6266, 14.9348



19.3515, 21.7365, 26.1527



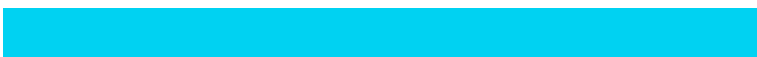
10.6885, 11.2630, 14.7075



2.8741, 3.1263, 3.5839



7.5861, 10.2439, 17.7218



39.1061, 52.5088, 92.2755

Inverse Universe

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



11.6799, 11.0474, 14.0878



20.0002, 18.4586, 24.3706



11.9034, 12.4468, 11.2265



2.9210, 2.8831, 3.4565



9.3118, 4.5377, 12.3061



48.3341, 23.5736, 62.9619

Previews

White Background



This preview shows how the XYZ color 11.3699, 12.6261, 14.9345 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 11.3699, 12.6261, 14.9345 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

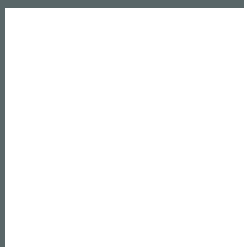
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3699, 12.6261, 14.9345

Background



This preview shows how black text looks on a background with the XYZ color 11.3699, 12.6261, 14.9345.



This preview shows how white text looks on a background with the XYZ color 11.3699, 12.6261,

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

11.3699, 12.6261, 14.9345

Protanopia

12.1156, 12.5923, 14.3624

Deuteranopia

12.6765, 12.4498, 15.0995



Tritanopia

11.6304, 12.5851, 16.2842

Trichromacy



Original Color

11.3699, 12.6261, 14.9345

Protanomaly

11.8292, 12.5804, 14.6368

Deuteranomaly

12.1730, 12.4646, 15.1289

Tritanomaly

11.5240, 12.5426, 15.7235

Monochromacy



Original Color

11.3699, 12.6261, 14.9345

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4814, 12.2767, 13.8211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3699, 12.6261, 14.9345 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, 102, 104) looks like.

```
.text, #text, p{  
    color:rgb(89, 102, 104)  
}
```

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, 102, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 102, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.3699, 12.6261, 14.9345 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, 102, 104) }
```


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

```
.border{ border-color:rgb(89, 102, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 102, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 102, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 102, 104);  
box-shadow:4px 4px 4px 4px rgb(89, 102,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3699, 12.6261, 14.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 102, 104) }
```

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

```
.background{ background-color: rgb(89, 102,  
104) }
```

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