

Converting Colors

XYZ(13.8685, 12.4565, 17.5076)

Have a look what the booklet for
XYZ(13.8685, 12.4565, 17.5076)
contains.

XYZ(13.9346, 12.5140, 17.6006)	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(13.9346, 12.5140,
17.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	735C72
RGB	115, 92, 114
RGB Percent	45%, 36%, 45%
CMY	0.5490, 0.6392, 0.5529
CMYK	0.00, 0.20, 0.01, 0.55
HSL	303°, 11%, 41%
HSV	303°, 20%, 45%
XYZ	13.9346, 12.5140, 17.6006
YIQ	101.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

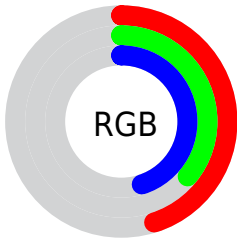
Format	Color
RYB	115, 92, 114
Decimal	7560306
CIELab	42.02, 13.55, -8.91
CIELCh	42, 16.220, 326.677
Yxy	12.5140, 0.3163, 0.2841
Android (android.graphics.Color)	4285750386 (0xFF735C72)
YUV	101.3850, 6.2192, 11.9404
Hunter-Lab	35.3751, 8.4064, -4.7366

Details

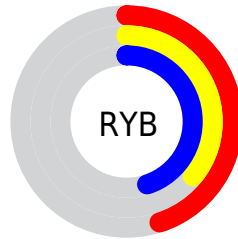
The XYZ color **13.9346, 12.5140, 17.6006** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5206, 15.3274, 12.6551**, and the grayscale version is **12.4527, 13.1012, 14.2672**.

A 20% lighter version of the original color is **32.4923, 30.3147, 40.2152**, and **4.2751, 3.5406, 5.6123** is the 20% darker color. If you saturate the color by 10%, you get **12.9848, 10.6596, 17.1441**, and if you desaturate by 10%, it is **15.0366, 14.6720, 18.1089**.

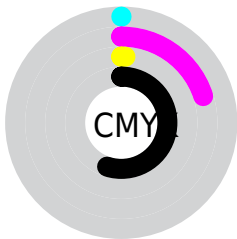
Distribution



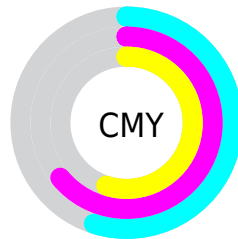
- Red (45%)
- Green (36%)
- Blue (45%)



- Red (45%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9346, 12.5140, 17.6006 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 13.9346, 12.5140, 17.6006 by changing the saturation by 10% instead.

■ 13.9346, 12.5140,
17.6006

■ 13.9346, 12.5140,
17.6006

210.3424,
207.7790, 250.7701

■ 8.1566, 7.0948,
10.4972

■ 32.5602, 30.4279,
40.1603

■ 4.2480, 3.5214,
5.6199

■ 46.1385, 43.6913,
56.4536

■ 1.8433, 1.4096,
2.5504

■ 63.0475, 60.3382,
76.6473

■ 0.5436, 0.2238,
0.8667

■ 83.6528, 80.7529,
101.1599

■ 0.0000, 0.0000,
0.0000

108.3195,
105.3200, 130.4099

137.4131,

134.4238, 164.8159

171.2989,
168.4487, 204.7965

■ 13.9346, 12.5140,
17.6006

■ 13.9346, 12.5140,
17.6006

■ 12.9848, 10.6596,
17.1441

■ 15.0366, 14.6720,
18.1089

■ 12.1793, 9.0937,
16.7363

■ 16.2959, 17.1448,
18.6702

■ 11.5110, 7.8021,
16.3750

■ 17.7190, 19.9449,
19.2870

■ 10.9721, 6.7689,
16.0576

■ 19.3116, 23.0836,
19.9610

■ 10.5537, 5.9766,
15.7812

■ 21.0791, 26.5719,
20.6940

■ 10.2460, 5.4055,
15.5424

■ 23.0266, 30.4200,
21.4879

■ 10.0376, 5.0326,
15.3375

■ 25.1592, 34.6379,
22.3442

■ 9.8848, 4.7707,
15.1519

■ 27.4815, 39.2352,
23.2645

■ 9.8848, 4.7707,
15.1518

■ 29.9982, 44.2209,
24.2504

Harmonies

Analogous

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



12.9637, 12.5140, 20.4473



13.9346, 12.5140, 17.6006



14.3573, 12.5140, 14.0134

Triad

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



13.9346, 12.5140, 17.6006



12.0288, 12.5140, 8.0222



9.9438, 12.5140, 16.8231

Complementary

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



13.9346, 12.5140, 17.6006



12.5206, 15.3274, 12.6551

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.



9.7302, 12.5140, 13.2450



13.9346, 12.5140, 17.6006



10.8852, 12.5140, 8.5199

Square

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



13.9346, 12.5140, 17.6006



13.2114, 12.5140, 8.8040



10.0634, 12.5140, 10.2993



10.6676, 12.5140, 19.9479

Rectangle

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



13.9346, 12.5140, 17.6006



14.2516, 12.5140, 11.8108



10.0634, 12.5140, 10.2993



9.8122, 12.5140, 15.6175

Sweetspot

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



13.9350, 12.5145, 17.6009



27.7577, 27.9054, 32.8017



11.4128, 11.2077, 17.7816



6.5967, 6.6075, 7.8140



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9350, 12.5145, 17.6009



24.1319, 20.8048, 31.1274



13.3326, 12.2736, 14.4287



3.8201, 3.7553, 4.5794



11.2983, 5.4530, 17.3108



54.9736, 26.5396, 83.9133

Inverse Universe

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



13.9350, 12.5145, 17.6009



24.1319, 20.8048, 31.1274



13.0570, 15.5420, 15.4800



3.8201, 3.7553, 4.5794



11.2983, 5.4530, 17.3108



54.9736, 26.5396, 83.9133

Previews

White Background



This preview shows how the XYZ color 13.9346, 12.5140, 17.6006 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 13.9346, 12.5140, 17.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

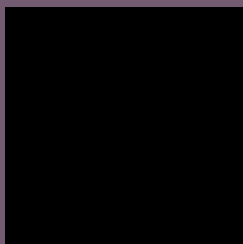
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9346, 12.5140, 17.6006

Background



This preview shows how black text looks on a background with the XYZ color 13.9346, 12.5140, 17.6006.



This preview shows how white text looks on a background with the XYZ color 13.9346, 12.5140,

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

13.9346, 12.5140, 17.6006

Protanopia

12.3570, 12.4763, 18.8964

Deuteranopia

12.7348, 12.5664, 17.3771



Tritanopia

13.2110, 12.4754, 14.2821

Trichromacy



Original Color

13.9346, 12.5140, 17.6006

Protanomaly

12.8732, 12.4749, 18.5590

Deuteranomaly

13.1362, 12.5025, 17.3436

Tritanomaly

13.4553, 12.4467, 15.3290

Monochromacy



Original Color

13.9346, 12.5140, 17.6006

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9131, 12.8401, 15.4335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9346, 12.5140, 17.6006 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(115, 92, 114)` looks like.

```
.text, #text, p{  
    color:rgb(115, 92, 114)  
}
```

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(115, 92, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 92, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.9346, 12.5140, 17.6006 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(115, 92, 114) }
```


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

```
.border{ border-color:rgb(115, 92, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 92, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 92, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 92, 114);  
box-shadow:4px 4px 4px 4px rgb(115, 92,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9346, 12.5140, 17.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 92, 114) }
```

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

```
.background{ background-color: rgb(115, 92,  
114) }
```

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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