

Converting Colors

XYZ(13.6253, 14.7146, 8.7074)

Have a look what the booklet for
XYZ(13.6253, 14.7146, 8.7074)
contains.

XYZ(13.5979, 14.6682, 8.7712)	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(13.5979, 14.6682,
8.7712)**

Conversions

Conversions Part 1

Format	Color
Hex	736B4B
RGB	115, 107, 75
RGB Percent	45%, 42%, 29%
CMY	0.5490, 0.5804, 0.7059
CMYK	0.00, 0.07, 0.35, 0.55
HSL	48°, 21%, 37%
HSV	48°, 35%, 45%
XYZ	13.5979, 14.6682, 8.7712
YIQ	105.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

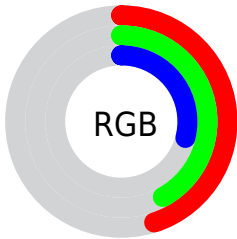
Format	Color
RYB	85, 115, 75
Decimal	7564107
CIELab	45.18, -2.19, 19.10
CIELCh	45, 19.224, 96.528
Yxy	14.6682, 0.3671, 0.3960
Android (android.graphics.Color)	4285754187 (0xFF736B4B)
YUV	105.7440, -15.1568, 8.1175
Hunter-Lab	38.2991, -3.6479, 13.2309

Details

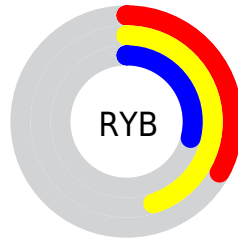
The XYZ color **13.5979, 14.6682, 8.7712** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0894, 8.9199, 17.4623**, and the grayscale version is **13.6671, 14.3788, 15.6585**.

A 20% lighter version of the original color is **32.0134, 34.2338, 23.9893**, and **4.0970, 4.4837, 1.8778** is the 20% darker color. If you saturate the color by 10%, you get **13.0030, 14.0523, 6.8034**, and if you desaturate by 10%, it is **14.2711, 15.3267, 11.1165**.

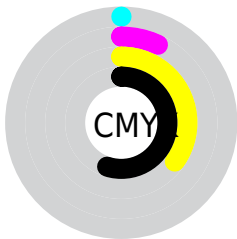
Distribution



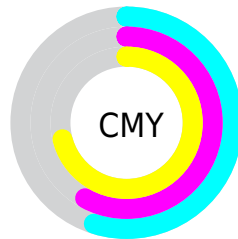
- Red (45%)
- Green (42%)
- Blue (29%)



- Red (33%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5979, 14.6682, 8.7712 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 13.5979, 14.6682, 8.7712 by changing the saturation by 10% instead.

■ 13.5979, 14.6682,
8.7712

■ 13.5979, 14.6682,
8.7712

208.2759,
221.3490, 191.8166

■ 7.9214, 8.5869,
4.4975

■ 31.9661, 34.2700,
24.0277

■ 4.0960, 4.4727,
1.9020

■ 45.3885, 48.5593,
35.8475

■ 1.7566, 1.9413,
0.4940

■ 62.1235, 66.3534,
51.0197

■ 0.4913, 0.5731,
0.0000

■ 82.5365, 88.0366,
69.9630

■ 0.0000, 0.0000,
0.0000

■ 106.9929,
113.9934, 93.0957

135.8580,

144.6081, 120.8366

169.4972,
180.2652, 153.6040

■ 13.5979, 14.6682,
8.7712

■ 13.5979, 14.6682,
8.7712

■ 13.0030, 14.0523,
6.8034

■ 14.2711, 15.3267,
11.1165

■ 12.4813, 13.4753,
5.1921

■ 15.0252, 16.0273,
13.8572

■ 12.0291, 12.9361,
3.9154

■ 15.8637, 16.7720,
17.0111

■ 11.6416, 12.4327,
2.9487

■ 16.7899, 17.5622,
20.5945

■ 11.3134, 11.9630,
2.2639

■ 17.8068, 18.3992,
24.6229

■ 11.0357, 11.5232,
1.8149

■ 18.9172, 19.2842,
29.1112

■ 10.8981, 11.3005,
1.6068

■ 20.1238, 20.2183,
34.0734

■ 21.4293, 21.2027,
39.5229

■ 22.8361, 22.2384,
45.4726

Harmonies

Analogous

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



15.1918, 14.6682, 9.2255



13.5979, 14.6682, 8.7712



12.2043, 14.6682, 9.9313

Triad

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



13.5979, 14.6682, 8.7712



11.6321, 14.6682, 21.7534



16.9298, 14.6682, 19.7082

Complementary

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



13.5979, 14.6682, 8.7712



9.0894, 8.9199, 17.4623

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.



15.8365, 14.6682, 24.0666



13.5979, 14.6682, 8.7712



12.7621, 14.6682, 25.3952

Square

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



13.5979, 14.6682, 8.7712



11.1263, 14.6682, 16.9847



14.2912, 14.6682, 26.3134



17.1959, 14.6682, 14.9988

Rectangle

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



13.5979, 14.6682, 8.7712



11.5497, 14.6682, 11.6226



14.2912, 14.6682, 26.3134



16.6431, 14.6682, 21.2880

Sweetspot

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



13.5983, 14.6689, 8.7715



27.5650, 29.2927, 27.2727



11.1478, 9.3017, 9.3917



6.5365, 6.9529, 6.3582



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.



13.5983, 14.6689, 8.7715



23.4538, 25.3436, 12.7285



12.9943, 15.6530, 8.9933



3.9075, 4.1479, 3.9370



12.4438, 12.8889, 1.8319



60.0284, 61.5853, 8.7233

Inverse Universe

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



9.0894, 8.9199, 17.4623



14.0433, 13.3494, 30.8811



9.5412, 8.2964, 17.3181



3.5545, 3.6976, 4.6166



3.8741, 2.0879, 18.7414



18.3786, 9.1738, 91.1624

Previews

White Background



This preview shows how the XYZ color 13.5979, 14.6682, 8.7712 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 13.5979, 14.6682, 8.7712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

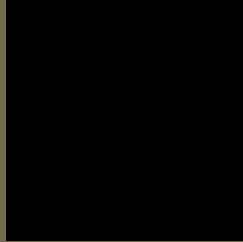
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5979, 14.6682, 8.7712

Background



This preview shows how black text looks on a background with the XYZ color 13.5979, 14.6682, 8.7712.



This preview shows how white text looks on a background with the XYZ color 13.5979, 14.6682,

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

13.5979, 14.6682, 8.7712

Protanopia

13.5979, 14.6682, 8.7712

Deuteranopia

14.8083, 14.5366, 8.8628



Tritanopia

15.1736, 14.5505, 16.7606

Trichromacy



Original Color

13.5979, 14.6682, 8.7712

Protanomaly

13.5979, 14.6682, 8.7712

Deuteranomaly

14.4232, 14.6334, 8.9018

Tritanomaly

14.5792, 14.6152, 13.3619

Monochromacy



Original Color

13.5979, 14.6682, 8.7712

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5263, 14.3855, 12.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5979, 14.6682, 8.7712 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, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(115, 107, 75)  
}
```

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, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 107, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.5979, 14.6682, 8.7712 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, 107, 75) }
```


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

```
.border{ border-color:rgb(115, 107, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 107, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 107, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 107, 75); box-shadow:4px 4px 4px 4px rgb(115, 107, 75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5979, 14.6682, 8.7712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 107, 75) }
```

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

```
.background{ background-color: rgb(115,  
107, 75) }
```

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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