

Converting Colors

XYZ(13.9812, 16.5802, 21.5322)

Have a look what the booklet for
XYZ(13.9812, 16.5802, 21.5322)
contains.

XYZ(13.9812, 16.5802, 21.5322)	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(13.9812, 16.5802,
21.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	55777C
RGB	85, 119, 124
RGB Percent	33%, 47%, 49%
CMY	0.6667, 0.5333, 0.5137
CMYK	0.31, 0.04, 0.00, 0.51
HSL	188°, 19%, 41%
HSV	188°, 31%, 49%
XYZ	13.9812, 16.5802, 21.5322
YIQ	109.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

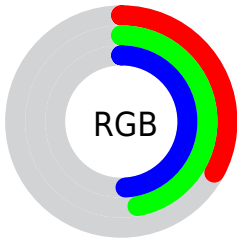
Format	Color
R_{YB}	85, 103, 124
Decimal	5601148
CIE _{Lab}	47.73, -10.74, -6.65
CIE _{LCh}	48, 12.634, 211.748
Yxy	16.5802, 0.2684, 0.3183
Android (android.graphics.Color)	4283791228 (0xFF55777C)
YUV	109.4040, 7.1958, -21.4023
Hunter-Lab	40.7188, -9.9681, -2.8495

Details

The XYZ color **13.9812, 16.5802, 21.5322** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6082, 12.2533, 10.2425**, and the grayscale version is **14.6356, 15.3978, 16.7682**.

A 20% lighter version of the original color is **32.5527, 37.4946, 46.5958**, and **4.2862, 5.4078, 7.4745** is the 20% darker color. If you saturate the color by 10%, you get **12.7652, 15.6753, 21.4219**, and if you desaturate by 10%, it is **15.3986, 17.5945, 21.6535**.

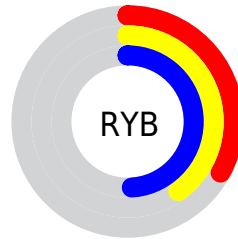
Distribution



Red (33%)

Green (47%)

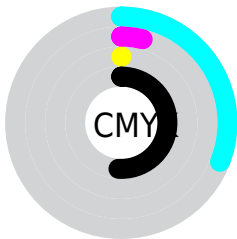
Blue (49%)



Red (33%)

Yellow (40%)

Blue (49%)

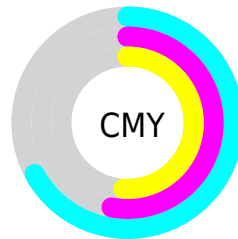


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9812, 16.5802, 21.5322 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 13.9812, 16.5802, 21.5322 by changing the saturation by 10% instead.

■ 13.9812, 16.5802,
21.5322

■ 13.9812, 16.5802,
21.5322

210.6268,
232.7414, 272.9668

■ 8.1892, 9.9356,
13.3186

■ 32.6422, 37.6026,
46.8638

■ 4.2691, 5.3563,
7.5150

■ 46.2419, 52.7492,
64.8189

■ 1.8555, 2.4578,
3.7029

■ 63.1750, 71.4986,
86.8582

■ 0.5507, 0.8554,
1.4638

■ 83.8066, 94.2352,
113.4002

■ 0.0000, 0.0000,
0.1908

■ 108.5023,
121.3434, 144.8636

■ 0.0000, 0.0000,
0.0000

137.6273,

153.2075, 181.6668

171.5470,
190.2121, 224.2283

■ 13.9812, 16.5802,
21.5322

■ 13.9812, 16.5802,
21.5322

■ 12.7652, 15.6753,
21.4219

■ 15.3986, 17.5945,
21.6535

■ 11.7389, 14.8724,
21.3210

■ 17.0256, 18.7211,
21.7853

■ 10.8915, 14.1665,
21.2294

■ 18.8716, 19.9653,
21.9281

■ 10.2106, 13.5510,
21.1465

■ 20.9450, 21.3316,
22.0826

■ 9.6821, 13.0186,
21.0716

■ 23.2538, 22.8240,
22.2489

■ 9.2895, 12.5609,
21.0040

■ 25.8056, 24.4464,
22.4276

■ 9.0122, 12.2033,
20.9495

■ 28.6075, 26.2026,
22.6189

■ 31.6666, 28.0963,
22.8232

■ 34.9895, 30.1308,
23.0407

Harmonies

Analogous

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



13.6839, 16.5802, 18.2436



13.9812, 16.5802, 21.5322



14.7519, 16.5802, 24.1133

Triad

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



13.9812, 16.5802, 21.5322



17.7531, 16.5802, 21.1643



15.6928, 16.5802, 12.5162

Complementary

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



13.9812, 16.5802, 21.5322



13.6082, 12.2533, 10.2425

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.



16.8109, 16.5802, 13.1041



13.9812, 16.5802, 21.5322



18.0340, 16.5802, 17.8637

Square

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



13.9812, 16.5802, 21.5322



16.9311, 16.5802, 23.8836



17.6814, 16.5802, 14.9704



14.6422, 16.5802, 13.2581

Rectangle

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



13.9812, 16.5802, 21.5322



15.4489, 16.5802, 24.9442



17.6814, 16.5802, 14.9704



16.0732, 16.5802, 12.5645

Sweetspot

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



13.9817, 16.5809, 21.5326



30.6536, 33.4159, 38.3909



12.7806, 17.0774, 12.1957



7.1287, 7.8083, 9.0345



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.9817, 16.5809, 21.5326



22.9767, 27.9732, 37.7450



11.9370, 12.4916, 20.8510



4.0654, 4.4290, 5.0838



9.1603, 12.4030, 21.2965



43.2603, 58.2932, 101.4414

Inverse Universe

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



14.8908, 12.1143, 19.0070



24.8821, 18.8733, 32.3932



15.4261, 15.8892, 10.8485



4.1334, 4.0691, 4.9004



11.2070, 5.4590, 14.9129



53.2389, 25.9519, 69.9794

Previews

White Background



This preview shows how the XYZ color 13.9812, 16.5802, 21.5322 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 13.9812, 16.5802, 21.5322 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 13.9812, 16.5802, 21.5322

Background



This preview shows how black text looks on a background with the XYZ color 13.9812, 16.5802, 21.5322.



This preview shows how white text looks on a background with the XYZ color 13.9812, 16.5802,

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

13.9812, 16.5802, 21.5322

Protanopia

15.9944, 16.4551, 20.1025

Deuteranopia

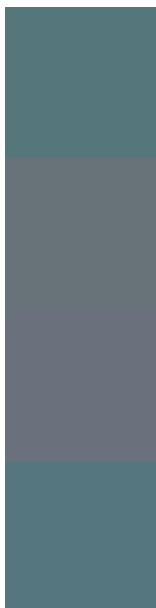
16.8130, 16.5098, 22.0392



Tritanopia

14.2125, 16.4938, 22.8566

Trichromacy



Original Color

13.9812, 16.5802, 21.5322

Protanomaly

15.1754, 16.5255, 20.4791

Deuteranomaly

15.5507, 16.3551, 21.7393

Tritanomaly

14.1470, 16.4676, 22.5116

Monochromacy



Original Color

13.9812, 16.5802, 21.5322

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.1979, 15.7345, 18.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9812, 16.5802, 21.5322 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(85, 119, 124) looks like.

```
.text, #text, p{  
    color:rgb(85, 119, 124)  
}
```

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(85, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 119, 124) }
```

Border

The CSS property to change the border of an element to XYZ 13.9812, 16.5802, 21.5322 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(85, 119, 124) }
```


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

```
.border{ border-color:rgb(85, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(85, 119,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9812, 16.5802, 21.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 119, 124) }
```

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

```
.background{ background-color: rgb(85, 119,  
124) }
```

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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