

Converting Colors

XYZ(17.4729, 22.0980, 11.3778)

Have a look what the booklet for
XYZ(17.4729, 22.0980, 11.3778)
contains.

XYZ(17.4081, 22.0779, 11.3266)	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(17.4081, 22.0779,
11.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	728952
RGB	114, 137, 82
RGB Percent	45%, 54%, 32%
CMY	0.5529, 0.4627, 0.6784
CMYK	0.17, 0.00, 0.40, 0.46
HSL	85°, 25%, 43%
HSV	85°, 40%, 54%
XYZ	17.4081, 22.0779, 11.3266
YIQ	123.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

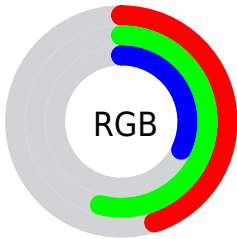
Format	Color
R_{YB}	82, 137, 105
Decimal	7506258
CIE _{Lab}	54.11, -18.25, 26.82
CIE _{LCh}	54, 32.437, 124.232
Yxy	22.0779, 0.3426, 0.4345
Android (android.graphics.Color)	4285696338 (0xFF728952)
YUV	123.8530, -20.6335, -8.6411
Hunter-Lab	46.9871, -16.0956, 18.5987

Details

The XYZ color **17.4081, 22.0779, 11.3266** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.3592, 10.8446, 25.0572**, and the grayscale version is **19.1753, 20.1739, 21.9694**.

A 20% lighter version of the original color is **38.5147, 46.7083, 28.8155**, and **5.9066, 8.0676, 2.9150** is the 20% darker color. If you saturate the color by 10%, you get **16.2160, 21.5184, 8.8160**, and if you desaturate by 10%, it is **18.7521, 22.7051, 14.3887**.

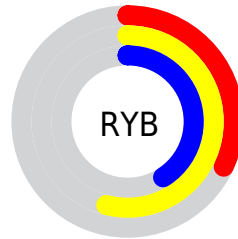
Distribution



Red (45%)

Green (54%)

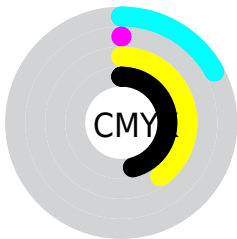
Blue (32%)



Red (32%)

Yellow (54%)

Blue (41%)

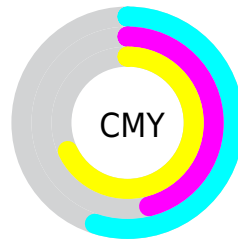


Cyan (17%)

Magenta (0%)

Yellow (40%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4081, 22.0779, 11.3266 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 17.4081, 22.0779, 11.3266 by changing the saturation by 10% instead.

■ 17.4081, 22.0779,
11.3266

■ 17.4081, 22.0779,
11.3266

230.6240,
262.9528, 210.7119

■ 10.6230, 13.9142,
6.1700

■ 38.5642, 46.8747,
28.9084

■ 5.8793, 8.0610,
2.8783

■ 53.6658, 64.2766,
42.1707

■ 2.8118, 4.1340,
1.0328

■ 72.2704, 85.5266,
58.9719

■ 1.0550, 1.7488,
0.0000

■ 94.7432, 111.0091,
79.7307

■ 0.0000, 0.4550,
0.0000

■ 121.4496,
141.1087, 104.8656

■ 0.0000, 0.0000,
0.0000

152.7549,

176.2095, 134.7950

189.0246,
216.6961, 169.9376

■ 17.4081, 22.0779,
11.3266

■ 17.4081, 22.0779,
11.3266

■ 16.2160, 21.5184,
8.8160

■ 18.7521, 22.7051,
14.3887

■ 15.1672, 21.0207,
6.8225

■ 20.2529, 23.3997,
18.0309

■ 14.2543, 20.5826,
5.3103

■ 21.9172, 24.1653,
22.2818

■ 13.4687, 20.2006,
4.2383

■ 23.7506, 25.0043,
27.1673

■ 12.8004, 19.8704,
3.5586

■ 25.7588, 25.9188,
32.7122

■ 12.2296, 19.5849,
3.1357

■ 27.9467, 26.9112,
38.9398

■ 30.3194, 27.9834,
45.8722

■ 32.8816, 29.1374,
53.5305

■ 35.6378, 30.3751,
61.9351

Harmonies

Analogous

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



20.4897, 22.0779, 9.4438



17.4081, 22.0779, 11.3266



15.4684, 22.0779, 16.5694

Triad

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



17.4081, 22.0779, 11.3266



18.1818, 22.0779, 46.0174



28.4702, 22.0779, 22.6391

Complementary

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



17.4081, 22.0779, 11.3266



13.3592, 10.8446, 25.0572

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.



27.6768, 22.0779, 33.4715



17.4081, 22.0779, 11.3266



21.4870, 22.0779, 48.9636

Square

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



17.4081, 22.0779, 11.3266



15.8789, 22.0779, 36.6514



25.0197, 22.0779, 43.8507



27.0814, 22.0779, 14.7134

Rectangle

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



17.4081, 22.0779, 11.3266



14.9539, 22.0779, 22.1461



25.0197, 22.0779, 43.8507



28.4508, 22.0779, 26.0369

Sweetspot

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



17.4087, 22.0789, 11.3271



38.5914, 42.9723, 38.1946



16.8834, 16.0145, 10.1842



8.5825, 9.6047, 8.3775



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.4087, 22.0789, 11.3271



29.2580, 38.6372, 16.2298



14.3610, 20.5077, 11.1844



5.2322, 5.7425, 5.3850



11.4051, 18.2495, 2.9214



0.0925, 0.1299, 0.0202

Inverse Universe

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



13.3592, 10.8446, 25.0572



20.9854, 15.6716, 44.3020



17.1145, 12.7805, 25.2329



4.9599, 4.9878, 6.3072



5.8067, 2.5076, 22.2236



0.0546, 0.0249, 0.1484

Previews

White Background



This preview shows how the XYZ color 17.4081, 22.0779, 11.3266 looks on a white 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

Black Background



This preview shows how the XYZ color 17.4081, 22.0779, 11.3266 looks on a black 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

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

XYZ 17.4081, 22.0779, 11.3266

Background



This preview shows how black text looks on a background with the XYZ color 17.4081, 22.0779, 11.3266.



This preview shows how white text looks on a background with the XYZ color 17.4081, 22.0779,

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

17.4081, 22.0779, 11.3266

Protanopia

20.2460, 21.9277, 10.5625

Deuteranopia

22.2402, 21.7904, 11.6281



Tritanopia

20.7423, 21.9963, 27.9634

Trichromacy



Original Color

17.4081, 22.0779, 11.3266

Protanomaly

19.0593, 21.9070, 10.8134

Deuteranomaly

20.1346, 21.6539, 11.5059

Tritanomaly

19.3251, 22.0289, 20.6862

Monochromacy



Original Color

17.4081, 22.0779, 11.3266

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3563, 20.7977, 17.5149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4081, 22.0779, 11.3266 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(114, 137, 82)` looks like.

```
.text, #text, p{  
    color:rgb(114, 137, 82)  
}
```

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(114, 137, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 137, 82) }
```

Border

The CSS property to change the border of an element to XYZ 17.4081, 22.0779, 11.3266 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(114, 137, 82) }
```


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

```
.border{ border-color:rgb(114, 137, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 137, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 137, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 137, 82);  
box-shadow:4px 4px 4px 4px rgb(114, 137,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4081, 22.0779, 11.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 137, 82) }
```

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

```
.background{ background-color: rgb(114,  
137, 82) }
```

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