

Converting Colors

XYZ(17.5655, 24.7916, 13.7570)

Have a look what the booklet for
XYZ(17.5655, 24.7916, 13.7570)
contains.

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Color

**XYZ(17.5655, 24.7916,
13.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	61955B
RGB	97, 149, 91
RGB Percent	38%, 58%, 36%
CMY	0.6196, 0.4157, 0.6431
CMYK	0.35, 0.00, 0.39, 0.42
HSL	114°, 24%, 47%
HSV	114°, 39%, 58%
XYZ	17.5655, 24.7916, 13.7570
YIQ	126.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

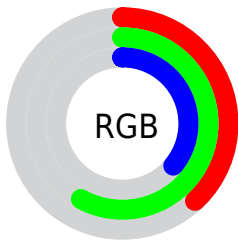
Format	Color
R_{YB}	91, 149, 143
Decimal	6395227
CIE _{Lab}	56.87, -29.30, 25.28
CIE _{LCh}	57, 38.700, 139.209
Yxy	24.7916, 0.3130, 0.4418
Android (android.graphics.Color)	4284585307 (0xFF61955B)
YUV	126.8400, -17.6691, -26.1697
Hunter-Lab	49.7912, -24.1627, 18.4723

Details

The XYZ color **17.5655, 24.7916, 13.7570** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.4948, 15.4926, 30.3453**, and the grayscale version is **20.1801, 21.2311, 23.1206**.

A 20% lighter version of the original color is **38.8161, 51.1489, 33.4181**, and **5.9946, 9.5216, 3.9048** is the 20% darker color. If you saturate the color by 10%, you get **15.6801, 23.8874, 10.6403**, and if you desaturate by 10%, it is **19.8196, 25.8726, 17.5583**.

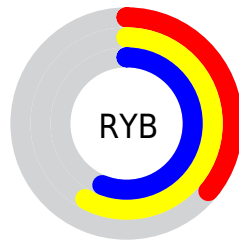
Distribution



Red (38%)

Green (58%)

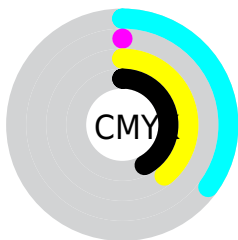
Blue (36%)



Red (36%)

Yellow (58%)

Blue (56%)

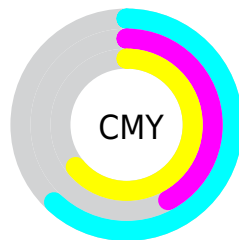


Cyan (35%)

Magenta (0%)

Yellow (39%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5655, 24.7916, 13.7570 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 17.5655, 24.7916, 13.7570 by changing the saturation by 10% instead.

■ 17.5655, 24.7916,
13.7570

■ 17.5655, 24.7916,
13.7570

231.5037,
276.7985, 227.0895

■ 10.7363, 15.9219,
7.8150

■ 38.8315, 51.3189,
33.3681

■ 5.9558, 9.4689,
3.8907

■ 53.9989, 69.7453,
47.8744

■ 2.8586, 5.0483,
1.5656

■ 72.6765, 92.1260,
66.0725

■ 1.0794, 2.2756,
0.2661

■ 95.2295, 118.8455,
88.3809

■ 0.0078, 0.7608,
0.0000

122.0234,
150.2881, 115.2183

■ 0.0000, 0.0000,
0.0000

153.4235,

186.8382, 147.0032

189.7952,
228.8802, 184.1541

■ 17.5655, 24.7916,
13.7570

■ 17.5655, 24.7916,
13.7570

■ 15.6801, 23.8874,
10.6403

■ 19.8196, 25.8726,
17.5583

■ 14.1418, 23.1476,
8.1659

■ 22.4586, 27.1357,
22.0797

■ 12.9299, 22.5631,
6.2896


■ 25.5001, 28.5900,
27.3563


■ 12.0206, 22.1228,
4.9607


■ 28.9600, 30.2430,
33.4205


■ 11.3866, 21.8139,
4.1204


■ 32.8534, 32.1018,
40.3027


 10.9851, 21.6171,
3.6395

 37.1944, 34.1731,
48.0316

 10.9517, 21.6009,
3.5922

 41.9969, 36.4635,
56.6348

 47.2739, 38.9789,
66.1384

 53.0378, 41.7255,
76.5674

Harmonies

Analogous

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



20.8126, 24.7916, 9.6257



17.5655, 24.7916, 13.7570



16.0016, 24.7916, 22.5877

Triad

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



17.5655, 24.7916, 13.7570



21.9703, 24.7916, 59.6589



32.7827, 24.7916, 19.5905

Complementary

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



17.5655, 24.7916, 13.7570



20.4948, 15.4926, 30.3453

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.



33.1968, 24.7916, 31.9387



17.5655, 24.7916, 13.7570



26.5470, 24.7916, 58.0654

Square

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



17.5655, 24.7916, 13.7570



18.3192, 24.7916, 50.6255



30.7921, 24.7916, 46.7894



29.7242, 24.7916, 12.1704

Rectangle

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



17.5655, 24.7916, 13.7570



15.9694, 24.7916, 31.1857



30.7921, 24.7916, 46.7894



33.2493, 24.7916, 23.1955

Sweetspot

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



17.5661, 24.7927, 13.7575



43.7769, 50.2960, 45.7014



23.9916, 26.5616, 13.7603



9.5622, 11.0796, 9.8860



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.5661, 24.7927, 13.7575



28.3803, 42.9217, 19.5457



18.0564, 24.9177, 19.5503



5.7820, 6.4954, 6.1895



9.2304, 18.1863, 3.0238



0.1239, 0.2282, 0.0375

Inverse Universe

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



20.4948, 15.4926, 30.3453



34.3953, 23.7671, 53.6959



19.9520, 15.3986, 21.9206



5.9769, 5.8791, 7.2895



12.8000, 6.0712, 24.4283



0.1704, 0.0814, 0.2996

Previews

White Background



This preview shows how the XYZ color 17.5655, 24.7916, 13.7570 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 17.5655, 24.7916, 13.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

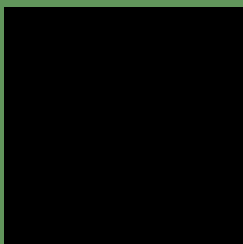
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5655, 24.7916, 13.7570

Background



This preview shows how black text looks on a background with the XYZ color 17.5655, 24.7916, 13.7570.



This preview shows how white text looks on a background with the XYZ color 17.5655, 24.7916,

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

17.5655, 24.7916, 13.7570

Protanopia

22.6966, 24.5761, 12.3515

Deuteranopia

24.9485, 24.4729, 14.2353



Tritanopia

21.6071, 24.8341, 33.7916

Trichromacy



Original Color

17.5655, 24.7916, 13.7570

Protanomaly

20.3396, 24.4215, 12.8743

Deuteranomaly

21.4473, 24.1027, 14.1116

Tritanomaly

19.8636, 24.8056, 24.8601

Monochromacy



Original Color

17.5655, 24.7916, 13.7570

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.9037, 22.2559, 19.2191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5655, 24.7916, 13.7570 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(97, 149, 91)` looks like.

```
.text, #text, p{  
    color:rgb(97, 149, 91)  
}
```

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(97, 149, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 149, 91) }
```

Border

The CSS property to change the border of an element to XYZ 17.5655, 24.7916, 13.7570 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(97, 149, 91) }
```


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

```
.border{ border-color:rgb(97, 149, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 149, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 149, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 149, 91);  
box-shadow:4px 4px 4px 4px rgb(97, 149,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5655, 24.7916, 13.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 149, 91) }
```

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

```
.background{ background-color: rgb(97, 149,  
91) }
```

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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