

Converting Colors

XYZ(17.4417, 22.6346, 18.2993)

Have a look what the booklet for
XYZ(17.4417, 22.6346, 18.2993)
contains.

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Color

**XYZ(17.3381, 22.5346,
18.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	638C6E
RGB	99, 140, 110
RGB Percent	39%, 55%, 43%
CMY	0.6118, 0.4510, 0.5686
CMYK	0.29, 0.00, 0.21, 0.45
HSL	136°, 17%, 47%
HSV	136°, 29%, 55%
XYZ	17.3381, 22.5346, 18.1876
YIQ	124.3210, -14.8060, -18.0220

Conversions

Conversions Part 2

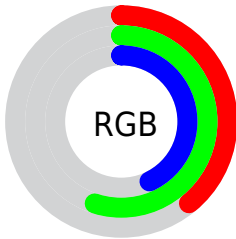
Format	Color
R_{YB}	99, 131, 140
Decimal	6524014
CIE _{Lab}	54.59, -20.70, 11.56
CIE _{LCh}	55, 23.707, 150.815
Yxy	22.5346, 0.2986, 0.3881
Android (android.graphics.Color)	4284714094 (0xFF638C6E)
YUV	124.3210, -7.0603, -22.2065
Hunter-Lab	47.4706, -17.8785, 10.5134

Details

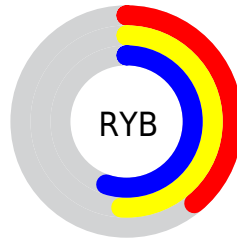
The XYZ color **17.3381, 22.5346, 18.1876** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2402, 16.0845, 22.8603**, and the grayscale version is **19.2921, 20.2968, 22.1032**.

A 20% lighter version of the original color is **38.5759, 47.7715, 41.3701**, and **5.8909, 8.3639, 5.8613** is the 20% darker color. If you saturate the color by 10%, you get **15.4134, 21.6038, 15.3526**, and if you desaturate by 10%, it is **19.5938, 23.6298, 21.3757**.

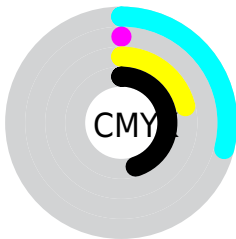
Distribution



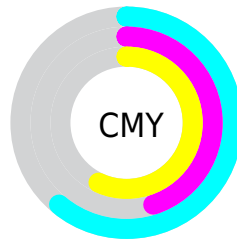
- Red (39%)
- Green (55%)
- Blue (43%)



- Red (39%)
- Yellow (51%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3381, 22.5346, 18.1876 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 17.3381, 22.5346, 18.1876 by changing the saturation by 10% instead.

■ 17.3381, 22.5346,
18.1876

■ 17.3381, 22.5346,
18.1876

230.2317,
265.3255, 254.1979

■ 10.5726, 14.2502,
10.9139

■ 38.4452, 47.6280,
41.1750

■ 5.8454, 8.2949,
5.8955

■ 53.5175, 65.2058,
57.7258

■ 2.7911, 4.2842,
2.7139

■ 72.0895, 86.6503,
78.2060

■ 1.0443, 1.8338,
0.9504

■ 94.5265, 112.3457,
103.0342

■ 0.0000, 0.5081,
0.0000

121.1938,
142.6766, 132.6290

■ 0.0000, 0.0000,
0.0000

152.4569,

178.0272, 167.4088

188.6811,
218.7821, 207.7923

■ 17.3381, 22.5346,
18.1876

■ 17.3381, 22.5346,
18.1876

■ 15.4134, 21.6038,
15.3526

■ 19.5938, 23.6298,
21.3757

■ 13.8018, 20.8266,
12.8570

■ 22.1933, 24.8940,
24.9271

■ 12.4869, 20.1953,
10.6884

■ 25.1512, 26.3351,
28.8531

■ 11.4497, 19.7006,
8.8333

■ 28.4805, 27.9594,
33.1643

■ 10.6689, 19.3317,
7.2769

■ 32.1938, 29.7733,
37.8709

■ 10.1201, 19.0765,
6.0034

■ 36.3027, 31.7827,
42.9827

■ 9.7456, 18.9053,
4.9940

■ 40.8188, 33.9932,
48.5091

■ 9.7213, 18.8942,
4.9314

■ 45.7527, 36.4101,
54.4591

■ 51.1151, 39.0388,
60.8417

Harmonies

Analogous

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



18.9548, 22.5346, 14.1674



17.3381, 22.5346, 18.1876



16.7923, 22.5346, 24.7408

Triad

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



17.3381, 22.5346, 18.1876



21.4897, 22.5346, 41.8470



26.0124, 22.5346, 17.8998

Complementary

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



17.3381, 22.5346, 18.1876



19.2402, 16.0845, 22.8603

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.



26.8246, 22.5346, 24.3330



17.3381, 22.5346, 18.1876



24.0869, 22.5346, 39.0254

Square

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



17.3381, 22.5346, 18.1876



19.0687, 22.5346, 39.3040



26.0935, 22.5346, 32.2134



23.9537, 22.5346, 14.0264

Rectangle

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



17.3381, 22.5346, 18.1876



17.0712, 22.5346, 29.9923



26.0935, 22.5346, 32.2134



26.4473, 22.5346, 19.7858

Sweetspot

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



17.3387, 22.5355, 18.1881



39.1737, 43.9106, 44.0096



20.6944, 24.3304, 15.4100



8.8800, 10.0467, 9.9434



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.3387, 22.5355, 18.1881



28.3131, 38.6378, 28.7705



18.5828, 23.0332, 24.7392



5.0234, 5.6288, 5.6442



8.6449, 16.7905, 4.4205



0.0629, 0.1137, 0.0579

Inverse Universe

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



19.2402, 16.0845, 22.8603



32.2142, 25.3941, 38.3489



18.0147, 15.5943, 16.4068



5.1775, 5.1065, 6.0234



11.7687, 5.8176, 11.8180



0.0843, 0.0411, 0.1106

Previews

White Background



This preview shows how the XYZ color 17.3381, 22.5346, 18.1876 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 17.3381, 22.5346, 18.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

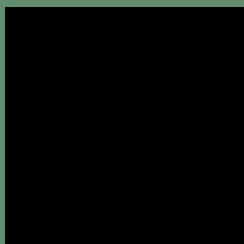
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3381, 22.5346, 18.1876

Background



This preview shows how black text looks on a background with the XYZ color 17.3381, 22.5346, 18.1876.



This preview shows how white text looks on a background with the XYZ color 17.3381, 22.5346,

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

17.3381, 22.5346, 18.1876

Protanopia

21.0137, 22.3885, 16.5785

Deuteranopia

22.7087, 22.2490, 18.7204



Tritanopia

19.7961, 22.4674, 30.4874

Trichromacy



Original Color

17.3381, 22.5346, 18.1876

Protanomaly

19.4911, 22.3968, 17.2056

Deuteranomaly

20.2673, 21.9604, 18.4998

Tritanomaly

18.7728, 22.4683, 25.5377

Monochromacy



Original Color

17.3381, 22.5346, 18.1876

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3826, 20.9420, 20.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3381, 22.5346, 18.1876 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(99, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(99, 140, 110)  
}
```

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(99, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 140, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.3381, 22.5346, 18.1876 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(99, 140, 110) }
```


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

```
.border{ border-color:rgb(99, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(99, 140,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3381, 22.5346, 18.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 140, 110) }
```

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

```
.background{ background-color: rgb(99, 140,  
110) }
```

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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