

Converting Colors

XYZ(18.3553, 22.6659, 13.5922)

Have a look what the booklet for
XYZ(18.3553, 22.6659, 13.5922)
contains.

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Color

**XYZ(18.3564, 22.7316,
13.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	758A5C
RGB	117, 138, 92
RGB Percent	46%, 54%, 36%
CMY	0.5412, 0.4588, 0.6392
CMYK	0.15, 0.00, 0.33, 0.46
HSL	87°, 20%, 45%
HSV	87°, 33%, 54%
XYZ	18.3564, 22.7316, 13.5454
YIQ	126.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

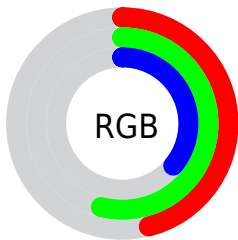
Format	Color
RYB	92, 138, 113
Decimal	7703132
CIELab	54.79, -16.14, 22.22
CIELCh	55, 27.460, 125.987
Yxy	22.7316, 0.3360, 0.4161
Android (android.graphics.Color)	4285893212 (0xFF758A5C)
YUV	126.4770, -16.9972, -8.3113
Hunter-Lab	47.6777, -14.7116, 16.5299

Details

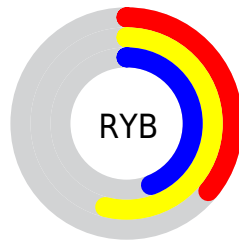
The XYZ color **18.3564, 22.7316, 13.5454** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2256, 13.0006, 25.7529**, and the grayscale version is **20.0500, 21.0941, 22.9715**.

A 20% lighter version of the original color is **40.1663, 47.7908, 33.0942**, and **6.3473, 8.3979, 3.7690** is the 20% darker color. If you saturate the color by 10%, you get **16.9892, 22.0909, 10.6142**, and if you desaturate by 10%, it is **19.8917, 23.4476, 17.0592**.

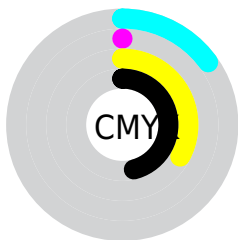
Distribution



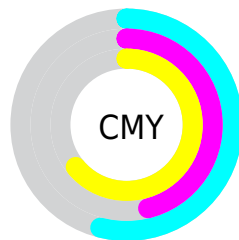
- Red (46%)
- Green (54%)
- Blue (36%)



- Red (36%)
- Yellow (54%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3564, 22.7316, 13.5454 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 18.3564, 22.7316, 13.5454 by changing the saturation by 10% instead.

■ 18.3564, 22.7316,
13.5454

■ 18.3564, 22.7316,
13.5454

235.8792,
266.3434, 225.7133

■ 11.3074, 14.3954,
7.6700

■ 40.1690, 47.9522,
32.9856

■ 6.3428, 8.3962,
3.7998

■ 55.6634, 65.6055,
47.3876

■ 3.0973, 4.3495,
1.5162

■ 74.7035, 87.1333,
65.4689

■ 1.2054, 1.8709,
0.2299

■ 97.6549, 112.9200,
87.6479

■ 0.1106, 0.5308,
0.0000

124.8828,
143.3499, 114.3434

■ 0.0000, 0.0000,
0.0000

156.7526,

178.8075, 145.9737

193.6296,
219.6772, 182.9575

■ 18.3564, 22.7316,
13.5454

■ 18.3564, 22.7316,
13.5454

■ 16.9892, 22.0909,
10.6142

■ 19.8917, 23.4476,
17.0592

■ 15.7812, 21.5197,
8.2325

■ 21.6000, 24.2388,
21.1831

■ 14.7253, 21.0156,
6.3663

■ 23.4880, 25.1086,
25.9449

■ 13.8132, 20.5751,
4.9772

■ 25.5617, 26.0597,
31.3701

■ 13.0352, 20.1944,
4.0215

■ 27.8264, 27.0943,
37.4828

■ 12.3801, 19.8688,
3.4467

■ 30.2877, 28.2146,
44.3060

■ 11.9903, 19.6736,
3.1654

■ 32.9506, 29.4229,
51.8615

■ 35.8200, 30.7212,
60.1703

■ 38.9005, 32.1115,
69.2524

Harmonies

Analogous

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



21.0031, 22.7316, 11.5772



18.3564, 22.7316, 13.5454



16.7037, 22.7316, 18.5563

Triad

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



18.3564, 22.7316, 13.5454



19.3179, 22.7316, 43.3603



27.9414, 22.7316, 23.0492

Complementary

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



18.3564, 22.7316, 13.5454



15.2256, 13.0006, 25.7529

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.



27.3836, 22.7316, 32.1902



18.3564, 22.7316, 13.5454



22.2198, 22.7316, 45.3589

Square

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



18.3564, 22.7316, 13.5454



17.2214, 22.7316, 35.9212



25.2175, 22.7316, 40.8774



26.6773, 22.7316, 16.1756

Rectangle

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



18.3564, 22.7316, 13.5454



16.2939, 22.7316, 23.6000



25.2175, 22.7316, 40.8774



27.9621, 22.7316, 25.9385

Sweetspot

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



18.3570, 22.7326, 13.5459



39.0757, 43.1861, 39.8329



18.2856, 17.9202, 12.6208



8.6763, 9.6458, 8.7142



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.



18.3570, 22.7326, 13.5459



30.5157, 39.2057, 19.8966



15.6679, 21.3463, 13.4200



5.2145, 5.7333, 5.3842



11.0098, 18.0457, 2.9029



0.0900, 0.1286, 0.0201

Inverse Universe

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



15.2256, 13.0006, 25.7529



24.1189, 19.3201, 44.8411



18.5202, 14.6991, 25.9071



4.9774, 4.9968, 6.3080



6.1024, 2.6600, 22.2375



0.0571, 0.0262, 0.1485

Previews

White Background



This preview shows how the XYZ color 18.3564, 22.7316, 13.5454 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 18.3564, 22.7316, 13.5454 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 18.3564, 22.7316, 13.5454

Background



This preview shows how black text looks on a background with the XYZ color 18.3564, 22.7316, 13.5454.



This preview shows how white text looks on a background with the XYZ color 18.3564, 22.7316,

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

18.3564, 22.7316, 13.5454

Protanopia

21.0748, 22.7047, 12.7229

Deuteranopia

22.9167, 22.4620, 13.9542



Tritanopia

21.4459, 22.7406, 28.8502

Trichromacy



Original Color

18.3564, 22.7316, 13.5454

Protanomaly

20.0434, 22.7749, 13.0125

Deuteranomaly

20.9875, 22.4361, 13.8141

Tritanomaly

20.0483, 22.5704, 22.3686

Monochromacy



Original Color

18.3564, 22.7316, 13.5454

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1883, 21.3911, 19.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3564, 22.7316, 13.5454 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(117, 138, 92)` looks like.

```
.text, #text, p{  
    color:rgb(117, 138, 92)  
}
```

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(117, 138, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 138, 92) }
```

Border

The CSS property to change the border of an element to XYZ 18.3564, 22.7316, 13.5454 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(117, 138, 92) }
```


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

```
.border{ border-color:rgb(117, 138, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 138, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 138, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 138, 92);  
box-shadow:4px 4px 4px 4px rgb(117, 138,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3564, 22.7316, 13.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 138, 92) }
```

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

```
.background{ background-color: rgb(117,  
138, 92) }
```

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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