

Converting Colors

XYZ(17.9582, 20.2564, 6.4534)

Have a look what the booklet for
XYZ(17.9582, 20.2564, 6.4534)
contains.

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Color

**XYZ(17.9582, 20.2564,
6.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	867E36
RGB	134, 126, 54
RGB Percent	53%, 49%, 21%
CMY	0.4745, 0.5059, 0.7882
CMYK	0.00, 0.06, 0.60, 0.47
HSL	54°, 43%, 37%
HSV	54°, 60%, 53%
XYZ	17.9582, 20.2564, 6.4534
YIQ	120.1840, 27.8800, -20.6960

Conversions

Conversions Part 2

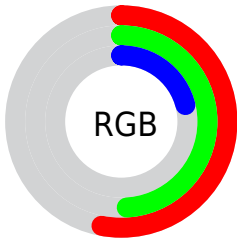
Format	Color
RYB	63, 134, 54
Decimal	8814134
CIELab	52.13, -6.74, 39.48
CIELCh	52, 40.051, 99.683
Yxy	20.2564, 0.4020, 0.4535
Android (android.graphics.Color)	4287004214 (0xFF867E36)
YUV	120.1840, -32.6287, 12.1166
Hunter-Lab	45.0071, -7.5395, 23.0036

Details

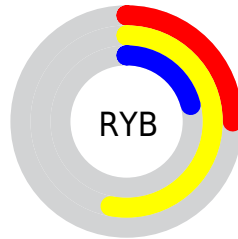
The XYZ color **17.9582, 20.2564, 6.4534** is a dark color, and the websafe version is hex **666600**, and the color name is **old moss green**. A complement of this color would be **7.5470, 5.9505, 23.3048**, and the grayscale version is **18.0069, 18.9447, 20.6308**.

A 20% lighter version of the original color is **39.4054, 43.6591, 19.4469**, and **6.1445, 7.1060, 1.1052** is the 20% darker color. If you saturate the color by 10%, you get **17.5160, 19.8081, 4.9617**, and if you desaturate by 10%, it is **18.4904, 20.7459, 8.4034**.

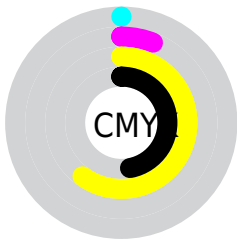
Distribution



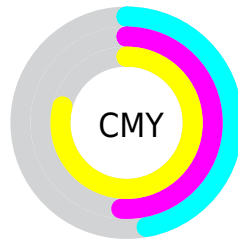
- Red (53%)
- Green (49%)
- Blue (21%)



- Red (25%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (6%)
- Yellow (60%)
- Black (47%)



- Cyan (47%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9582, 20.2564, 6.4534 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 17.9582, 20.2564, 6.4534 by changing the saturation by 10% instead.

■ 17.9582, 20.2564,
6.4534

■ 17.9582, 20.2564,
6.4534

■ 233.6855,
253.2998, 172.4961

■ 11.0195, 12.5816,
3.0495

■ 39.4967, 43.8466,
19.3586

■ 6.1473, 7.1410,
1.1200

■ 54.8273, 60.5308,
29.6970

■ 2.9764, 3.5505,
0.0000

■ 73.6858, 80.9869,
43.1840

■ 1.1413, 1.4254,
0.0000

■ 96.4376, 105.5993,
60.2380

■ 0.0592, 0.2353,
0.0000

■ 123.4481,
134.7524, 81.2777

■ 0.0000, 0.0000,
0.0000

■ 155.0827,

168.8306, 106.7216

191.7067,
208.2183, 136.9883

■ 17.9582, 20.2564,
6.4534

■ 17.9582, 20.2564,
6.4534

■ 17.5160, 19.8081,
4.9617

■ 18.4904, 20.7459,
8.4034

■ 17.1550, 19.3951,
3.8887

■ 19.1177, 21.2764,
10.8448

■ 16.8672, 19.0151,
3.1897

■ 19.8464, 21.8511,
13.8089

■ 16.6281, 18.6582,
2.7365

■ 20.6819, 22.4723,
17.3240

■ 16.6211, 18.6476,
2.7233

■ 21.6293, 23.1419,
21.4166

■ 22.6932, 23.8619,
26.1112

■ 23.8780, 24.6340,
31.4311

■ 25.1879, 25.4599,
37.3982

■ 26.6269, 26.3413,
44.0335

Harmonies

Analogous

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



22.1200, 20.2564, 6.9422



17.9582, 20.2564, 6.4534



14.6481, 20.2564, 8.8504

Triad

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



17.9582, 20.2564, 6.4534



13.8045, 20.2564, 39.8268



27.6261, 20.2564, 30.8535

Complementary

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



17.9582, 20.2564, 6.4534



7.5470, 5.9505, 23.3048

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.



24.7343, 20.2564, 44.3738



17.9582, 20.2564, 6.4534



16.6453, 20.2564, 50.7006

Square

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



17.9582, 20.2564, 6.4534



12.4847, 20.2564, 26.0725



20.6088, 20.2564, 52.6090



28.1096, 20.2564, 18.4744

Rectangle

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



17.9582, 20.2564, 6.4534



13.2218, 20.2564, 12.5148



20.6088, 20.2564, 52.6090



26.8858, 20.2564, 35.5172

Sweetspot

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



17.9587, 20.2573, 6.4538



36.6461, 39.7433, 31.4050



12.0202, 8.0546, 5.4788



8.1668, 8.8892, 6.6945



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9587, 20.2573, 6.4538



30.5983, 34.6103, 7.9242



14.6705, 20.1412, 6.6047



5.0010, 5.3456, 4.9976



15.5809, 17.4844, 2.5536



0.0568, 0.0663, 0.0098

Inverse Universe

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



7.5470, 5.9505, 23.3048



10.4971, 7.0152, 40.5392



9.4601, 6.3382, 23.2788



4.4692, 4.6140, 5.8558



4.1765, 1.9009, 21.2835



0.0167, 0.0111, 0.0745

Previews

White Background



This preview shows how the XYZ color 17.9582, 20.2564, 6.4534 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 17.9582, 20.2564, 6.4534 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 17.9582, 20.2564, 6.4534

Background



This preview shows how black text looks on a background with the XYZ color 17.9582, 20.2564, 6.4534.



This preview shows how white text looks on a background with the XYZ color 17.9582, 20.2564,

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

17.9582, 20.2564, 6.4534

Protanopia

18.4807, 20.3368, 6.4414

Deuteranopia

20.5187, 20.1124, 6.5420



Tritanopia

21.3592, 20.1781, 23.1911

Trichromacy



Original Color

17.9582, 20.2564, 6.4534

Protanomaly

18.3160, 20.2519, 6.4337

Deuteranomaly

19.5596, 20.1536, 6.4736

Tritanomaly

19.6676, 20.0176, 15.1391

Monochromacy



Original Color

17.9582, 20.2564, 6.4534

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5283, 19.1236, 13.8337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9582, 20.2564, 6.4534 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(134, 126, 54)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 54)  
}
```

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(134, 126, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 54) }
```

Border

The CSS property to change the border of an element to XYZ 17.9582, 20.2564, 6.4534 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(134, 126, 54) }
```


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

```
.border{ border-color:rgb(134, 126, 54) }
```

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

Here you see how a box with a 4 pixel rgb(134, 126, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 54);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9582, 20.2564, 6.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 54) }
```

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

```
.background{ background-color: rgb(134,  
126, 54) }
```

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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