

Converting Colors

XYZ(35.6019, 38.1962, 25.5889)

Have a look what the booklet for
XYZ(35.6019, 38.1962, 25.5889)
contains.

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Color

**XYZ(35.5984, 38.1519,
25.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A67F
RGB	177, 166, 127
RGB Percent	69%, 65%, 50%
CMY	0.3059, 0.3490, 0.5020
CMYK	0.00, 0.06, 0.28, 0.31
HSL	47°, 24%, 60%
HSV	47°, 28%, 69%
XYZ	35.5984, 38.1519, 25.5665
YIQ	164.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

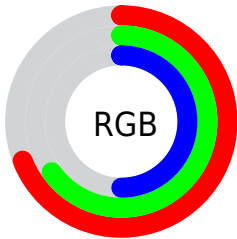
Format	Color
RYB	141, 177, 127
Decimal	11642495
CIELab	68.13, -2.23, 21.67
CIELCh	68, 21.784, 95.867
Yxy	38.1519, 0.3584, 0.3841
Android (android.graphics.Color)	4289832575 (0xFFB1A67F)
YUV	164.8430, -18.6566, 10.6617
Hunter-Lab	61.7672, -5.2175, 18.6959

Details

The XYZ color **35.5984, 38.1519, 25.5665** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7764, 25.8624, 45.2283**, and the grayscale version is **35.7699, 37.6328, 40.9821**.

A 20% lighter version of the original color is **67.6989, 72.3318, 53.5733**, and **15.7046, 16.8698, 9.6362** is the 20% darker color. If you saturate the color by 10%, you get **33.8482, 36.3380, 19.7832**, and if you desaturate by 10%, it is **37.5747, 40.0931, 32.4259**.

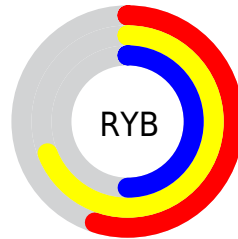
Distribution



Red (69%)

Green (65%)

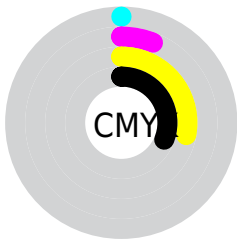
Blue (50%)



Red (55%)

Yellow (69%)

Blue (50%)

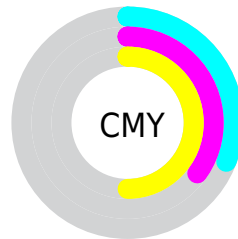


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (31%)



Cyan (31%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5984, 38.1519, 25.5665 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 35.5984, 38.1519, 25.5665 by changing the saturation by 10% instead.


 35.5984, 38.1519,
25.5665


 35.5984, 38.1519,
25.5665


318.6637,
338.2711, 294.1850


 24.2929, 26.1006,
16.2768


 67.7397, 72.3409,
53.5502

 15.6769, 16.8989,
9.5637


 89.3061, 95.2474,
73.0813

 9.3852, 10.1624,
5.0089


 115.0236,
122.5411, 96.8633

 5.0524, 5.5068,
2.1936

145.2575,
154.6063, 125.3147

 2.3131, 2.5476,
0.6707

180.3731,
191.8276, 158.8540

 0.8014, 0.9004,
0.0000

220.7357,

 0.0000, 0.0000,

234.5892, 197.8998

0.0000

266.7108,
283.2756, 242.8706

■ 35.5984, 38.1519,
25.5665

■ 35.5984, 38.1519,
25.5665

■ 33.8482, 36.3380,
19.7832

■ 37.5747, 40.0931,
32.4259

■ 32.3103, 34.6417,
15.0177

■ 39.7842, 42.1609,
40.4109

■ 30.9739, 33.0597,
11.2099

■ 42.2372, 44.3609,
49.5706

■ 29.8261, 31.5865,
8.2921

■ 44.9425, 46.6969,
59.9508

■ 28.8522, 30.2159,
6.1880

■ 47.9085, 49.1727,
71.5946

■ 28.0350, 28.9407,
4.8084

■ 51.1431, 51.7916,
84.5430

■ 27.3461, 27.7492,
4.0039

■ 54.6540, 54.5571,
98.8353

■ 27.2308, 27.5459,
3.8817

■ 56.1803, 56.5649,
102.5648

■ 57.0765, 58.3572,
102.8636

Harmonies

Analogous

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



39.0002, 38.1519, 26.6954



35.5984, 38.1519, 25.5665



32.5667, 38.1519, 28.1454

Triad

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



35.5984, 38.1519, 25.5665



31.2202, 38.1519, 53.4992



42.5587, 38.1519, 49.6723

Complementary

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



35.5984, 38.1519, 25.5665



25.7764, 25.8624, 45.2283

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.



40.2273, 38.1519, 58.6280



35.5984, 38.1519, 25.5665



33.6555, 38.1519, 61.0679

Square

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



35.5984, 38.1519, 25.5665



30.1424, 38.1519, 43.4833



36.9343, 38.1519, 63.0777



43.1590, 38.1519, 39.6572

Rectangle

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



35.5984, 38.1519, 25.5665



31.1177, 38.1519, 31.8995



36.9343, 38.1519, 63.0777



41.9447, 38.1519, 52.9522

Sweetspot

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



35.5994, 38.1536, 25.5673



71.2987, 75.5514, 72.5451



30.3569, 26.3806, 27.7910



15.3186, 16.2511, 15.2339



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.5994, 38.1536, 25.5673



61.7258, 66.2475, 39.0124



34.7942, 40.8337, 26.1270



9.0354, 9.5833, 9.0261



19.7759, 20.0504, 2.8278



0.6616, 0.7096, 0.1021

Inverse Universe

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



25.7764, 25.8624, 45.2283



41.1818, 40.5477, 80.1513



26.3970, 23.9580, 44.8280



8.1885, 8.5232, 10.7199



6.3117, 3.4238, 30.4652



0.2418, 0.1941, 0.9730

Previews

White Background



This preview shows how the XYZ color 35.5984, 38.1519, 25.5665 looks on a white background.

Color Contrast Check

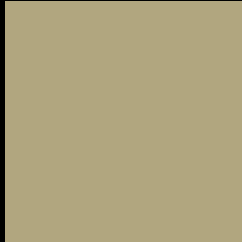
Large Text (above 18pt) WCAG AA × Fail

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 35.5984, 38.1519, 25.5665 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 ✓ Pass

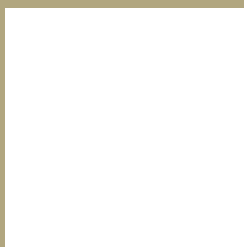
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5984, 38.1519, 25.5665

Background



This preview shows how black text looks on a background with the XYZ color 35.5984, 38.1519, 25.5665.



This preview shows how white text looks on a background with the XYZ color 35.5984, 38.1519,

25.5665.

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

35.5984, 38.1519, 25.5665

Protanopia

35.5984, 38.1519, 25.5665

Deuteranopia

38.8001, 37.9569, 25.7035



Tritanopia

39.3086, 38.0653, 44.3053

Trichromacy



Original Color

35.5984, 38.1519, 25.5665

Protanomaly

35.5984, 38.1519, 25.5665

Deuteranomaly

37.5557, 38.0905, 25.7949

Tritanomaly

37.7435, 37.9443, 36.7872

Monochromacy



Original Color

35.5984, 38.1519, 25.5665

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4032, 37.5796, 34.6658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5984, 38.1519, 25.5665 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(177, 166, 127)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 127)  
}
```

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(177, 166, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 127) }
```

Border

The CSS property to change the border of an element to XYZ 35.5984, 38.1519, 25.5665 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(177, 166, 127) }
```


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

```
.border{ border-color:rgb(177, 166, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 166, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 127);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5984, 38.1519, 25.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 127) }
```

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

```
.background{ background-color: rgb(177,  
166, 127) }
```

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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