

Converting Colors

XYZ(36.6583, 39.4838, 25.6162)

Have a look what the booklet for
XYZ(36.6583, 39.4838, 25.6162)
contains.

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Color

**XYZ(36.6091, 39.4919,
25.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A97F
RGB	179, 169, 127
RGB Percent	70%, 66%, 50%
CMY	0.2980, 0.3372, 0.5020
CMYK	0.00, 0.06, 0.29, 0.30
HSL	48°, 25%, 60%
HSV	48°, 29%, 70%
XYZ	36.6091, 39.4919, 25.7719
YIQ	167.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

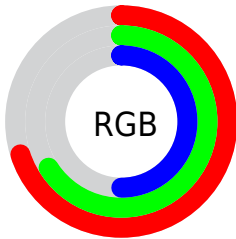
Format	Color
RYB	139, 179, 127
Decimal	11774335
CIELab	69.11, -3.04, 23.02
CIELCh	69, 23.219, 97.534
Yxy	39.4919, 0.3594, 0.3877
Android (android.graphics.Color)	4289964415 (0xFFB3A97F)
YUV	167.2020, -19.8196, 10.3468
Hunter-Lab	62.8426, -5.9889, 19.6748

Details

The XYZ color **36.6091, 39.4919, 25.7719** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.8346, 25.6574, 46.2386**, and the grayscale version is **36.9168, 38.8394, 42.2961**.

A 20% lighter version of the original color is **69.1548, 74.2688, 53.8705**, and **16.3406, 17.7083, 9.7645** is the 20% darker color. If you saturate the color by 10%, you get **34.9133, 37.8041, 19.9535**, and if you desaturate by 10%, it is **38.5311, 41.2999, 32.6892**.

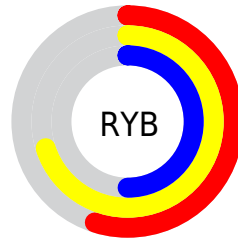
Distribution



Red (70%)

Green (66%)

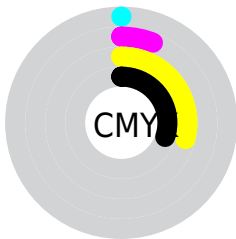
Blue (50%)



Red (55%)

Yellow (70%)

Blue (50%)

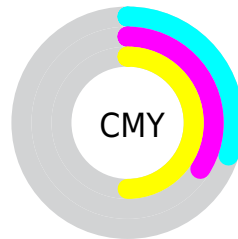


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6091, 39.4919, 25.7719 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 36.6091, 39.4919, 25.7719 by changing the saturation by 10% instead.

■ 36.6091, 39.4919,
25.7719

■ 36.6091, 39.4919,
25.7719

323.0000,
343.9773, 295.2303

■ 25.0773, 27.1426,
16.4288

■ 69.2889, 74.3892,
53.8863

■ 16.2637, 17.6804,
9.6705

■ 91.1676, 97.7059,
73.4947

■ 9.8030, 10.7207,
5.0783

■ 117.2259,
125.4473, 97.3620

■ 5.3298, 5.8794,
2.2337

147.8293,
157.9977, 125.9067

■ 2.4788, 2.7719,
0.6937

183.3430,
195.7415, 159.5473

■ 0.8846, 1.0138,
0.0000

224.1325,

■ 0.0000, 0.0000,

239.0631, 198.7024

0.0000

270.5630,
288.3469, 243.7906

■ 36.6091, 39.4919,
25.7719

■ 36.6091, 39.4919,
25.7719

■ 34.9133, 37.8041,
19.9535

■ 38.5311, 41.2999,
32.6892

■ 33.4294, 36.2265,
15.1737

■ 40.6866, 43.2271,
40.7565

■ 32.1466, 34.7558,
11.3701

■ 43.0861, 45.2792,
50.0246

■ 31.0512, 33.3864,
8.4728

■ 45.7387, 47.4601,
60.5407

■ 30.1281, 32.1121,
6.4022

■ 48.6530, 49.7735,
72.3493

■ 29.3595, 30.9255,
5.0652

■ 51.8372, 52.2228,
85.4927

■ 28.7127, 29.8133,
4.2901

■ 55.2990, 54.8112,
100.0114

■ 28.6535, 29.7098,
4.2244

■ 56.5005, 56.5238,
102.5400

■ 57.2883, 58.0995,
102.8027

Harmonies

Analogous

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



40.3260, 39.4919, 26.7603



36.6091, 39.4919, 25.7719



33.3588, 39.4919, 28.7589

Triad

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



36.6091, 39.4919, 25.7719



32.1627, 39.4919, 56.6735



44.5153, 39.4919, 51.2817

Complementary

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



36.6091, 39.4919, 25.7719



25.8346, 25.6574, 46.2386

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.



42.0478, 39.4919, 61.3034



36.6091, 39.4919, 25.7719



34.8775, 39.4919, 64.7565

Square

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



36.6091, 39.4919, 25.7719



30.9039, 39.4919, 45.7322



38.4781, 39.4919, 66.5772



45.0546, 39.4919, 40.3788

Rectangle

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



36.6091, 39.4919, 25.7719



31.8377, 39.4919, 32.9467



38.4781, 39.4919, 66.5772



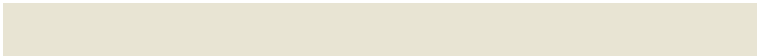
43.8763, 39.4919, 54.9148

Sweetspot

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



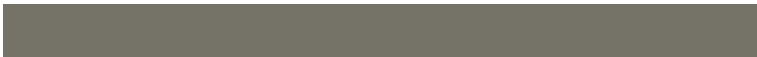
36.6101, 39.4937, 25.7727



72.8267, 77.3819, 72.8347



30.7242, 26.5806, 27.3294



16.0056, 17.0307, 15.6463



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.6101, 39.4937, 25.7727



63.5354, 68.7294, 39.1243



35.1374, 41.6015, 26.2572



9.0555, 9.6235, 9.0328



20.2931, 21.0848, 3.0002



0.6742, 0.7348, 0.1063

Inverse Universe

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



25.8346, 25.6574, 46.2386



41.0212, 39.8268, 81.9065



26.9850, 24.2380, 45.9040



8.1698, 8.4858, 10.7137



6.1993, 3.1989, 30.4277



0.2341, 0.1788, 0.9704

Previews

White Background



This preview shows how the XYZ color 36.6091, 39.4919, 25.7719 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 36.6091, 39.4919, 25.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

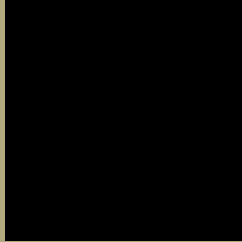
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6091, 39.4919, 25.7719

Background



This preview shows how black text looks on a background with the XYZ color 36.6091, 39.4919, 25.7719.

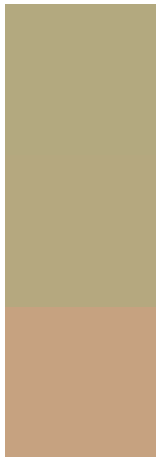


This preview shows how white text looks on a background with the XYZ color 36.6091, 39.4919,

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

36.6091, 39.4919, 25.7719

Protanopia

36.8895, 39.3613, 25.7319

Deuteranopia

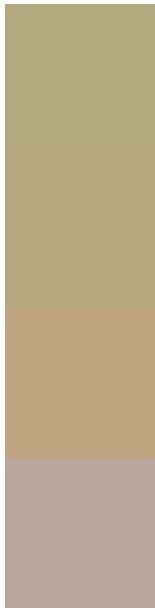
40.1053, 39.4049, 25.9142



Tritanopia

40.8426, 39.6038, 46.0491

Trichromacy



Original Color

36.6091, 39.4919, 25.7719

Protanomaly

36.6558, 39.2409, 25.7210

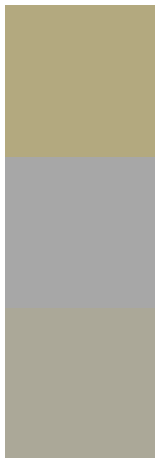
Deuteranomaly

38.8373, 39.5451, 26.0081

Tritanomaly

39.1551, 39.4462, 37.8979

Monochromacy



Original Color

36.6091, 39.4919, 25.7719

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4647, 38.9302, 35.2981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6091, 39.4919, 25.7719 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(179, 169, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 169, 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(179, 169, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 169, 127) }
```

Border

The CSS property to change the border of an element to XYZ 36.6091, 39.4919, 25.7719 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(179, 169, 127) }
```


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

```
.border{ border-color:rgb(179, 169, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 169, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 169, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 169, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 169,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6091, 39.4919, 25.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 169, 127) }
```

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

```
.background{ background-color: rgb(179,  
169, 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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