

Converting Colors

XYZ(35.5060, 38.4984, 36.2192)

Have a look what the booklet for
XYZ(35.5060, 38.4984, 36.2192)
contains.

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Color

**XYZ(35.3524, 38.3377,
36.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A89A
RGB	165, 168, 154
RGB Percent	65%, 66%, 60%
CMY	0.3529, 0.3412, 0.3961
CMYK	0.02, 0.00, 0.08, 0.34
HSL	73°, 7%, 63%
HSV	73°, 8%, 66%
XYZ	35.3524, 38.3377, 36.1085
YIQ	165.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

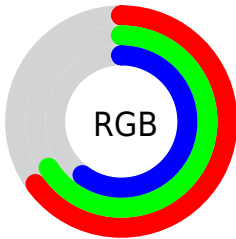
Format	Color
RYB	154, 168, 157
Decimal	10856602
CIELab	68.27, -3.65, 6.86
CIElCh	68, 7.765, 118.007
Yxy	38.3377, 0.3220, 0.3492
Android (android.graphics.Color)	4289046682 (0xFFA5A89A)
YUV	165.5070, -5.6730, -0.4446
Hunter-Lab	61.9174, -6.4391, 8.7660

Details

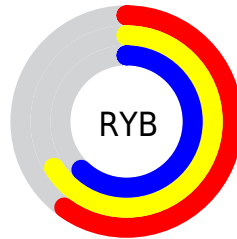
The XYZ color **35.3524, 38.3377, 36.1085** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5297, 33.1075, 41.7237**, and the grayscale version is **36.0342, 37.9107, 41.2848**.

A 20% lighter version of the original color is **67.2880, 72.5451, 70.1306**, and **15.5036, 16.9808, 15.2925** is the 20% darker color. If you saturate the color by 10%, you get **33.3113, 37.4371, 29.2129**, and if you desaturate by 10%, it is **37.6126, 39.3308, 44.0383**.

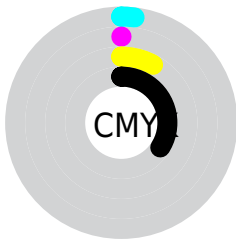
Distribution



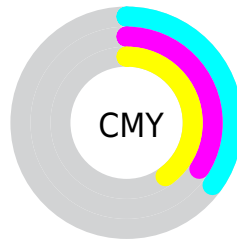
- Red (65%)
- Green (66%)
- Blue (60%)



- Red (60%)
- Yellow (66%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3524, 38.3377, 36.1085 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 35.3524, 38.3377, 36.1085 by changing the saturation by 10% instead.

■ 35.3524, 38.3377,
36.1085

■ 35.3524, 38.3377,
36.1085

317.6019,
339.0664, 344.4863

■ 24.1022, 26.2449,
24.2276

■ 67.3618, 72.6254,
70.3704

■ 15.5346, 17.0069,
15.2888

■ 88.8517, 95.5892,
93.5886

■ 9.2842, 10.2394,
8.8735

114.4856,
122.9453, 121.4229

■ 4.9856, 5.5580,
4.5631

144.6288,
155.0783, 154.2920

■ 2.2735, 2.5782,
1.9390

179.6467,
192.3725, 192.6143

■ 0.7810, 0.9157,
0.5174

219.9046,

■ 0.0000, 0.0000,

235.2123, 236.8084

0.0000

265.7679,
283.9822, 287.2929

■ 35.3524, 38.3377,
36.1085

■ 35.3524, 38.3377,
36.1085

■ 33.3113, 37.4371,
29.2129

■ 37.6126, 39.3308,
44.0383

■ 31.4779, 36.6208,
23.3065

■ 40.0966, 40.4147,
53.0399

■ 29.8445, 35.8869,
18.3443

■ 42.8127, 41.5939,
63.1522

■ 28.4014, 35.2315,
14.2774

■ 45.7681, 42.8713,
74.4112

■ 27.1385, 34.6505,
11.0521

■ 48.9693, 44.2496,
86.8516

■ 26.0441, 34.1393,
8.6091

■ 52.4230, 45.7314,
100.5063

■ 25.1055, 33.6927,
6.8813

■ 53.3450, 46.2030,
100.7142

■ 24.3075, 33.3046,
5.7905

■ 54.2577, 46.6735,
100.7569

■ 23.6237, 32.9645,
5.1980

■ 55.1928, 47.1556,
100.8007

Harmonies

Analogous

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



36.5202, 38.3377, 35.4052



35.3524, 38.3377, 36.1085



34.4925, 38.3377, 38.2967

Triad

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



35.3524, 38.3377, 36.1085



35.2146, 38.3377, 47.6809



38.8247, 38.3377, 41.9764

Complementary

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



35.3524, 38.3377, 36.1085



32.5297, 33.1075, 41.7237

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.



38.4570, 38.3377, 45.3906



35.3524, 38.3377, 36.1085



36.3576, 38.3377, 48.7958

Square

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



35.3524, 38.3377, 36.1085



34.4142, 38.3377, 44.9657



37.5473, 38.3377, 47.9356



38.5413, 38.3377, 38.6785

Rectangle

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



35.3524, 38.3377, 36.1085



34.2003, 38.3377, 40.3679



37.5473, 38.3377, 47.9356



38.7730, 38.3377, 43.1495

Sweetspot

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



35.3535, 38.3394, 36.1093



66.2649, 70.4980, 72.8802



34.0057, 34.7054, 35.4789



14.3726, 15.3346, 15.6382



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.3535, 38.3394, 36.1093



63.4363, 69.2539, 63.0698



33.9766, 37.6296, 36.0449



7.9870, 8.6914, 8.0459



17.8002, 24.8736, 3.8629



0.4714, 0.6249, 0.0958

Inverse Universe

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



32.5297, 33.1075, 41.7237



57.2532, 57.7979, 75.3636



33.8934, 33.8105, 41.7876



7.2767, 7.3752, 9.4584



5.9245, 2.4376, 28.1337



0.1846, 0.0802, 0.6864

Previews

White Background



This preview shows how the XYZ color 35.3524, 38.3377, 36.1085 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 35.3524, 38.3377, 36.1085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

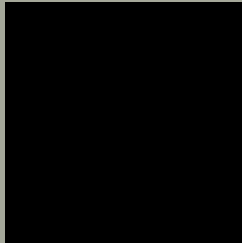
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

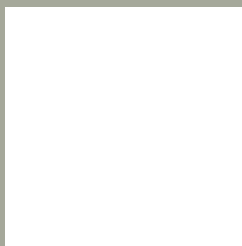
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3524, 38.3377, 36.1085

Background



This preview shows how black text looks on a background with the XYZ color 35.3524, 38.3377, 36.1085.



This preview shows how white text looks on a background with the XYZ color 35.3524, 38.3377,

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

35.3524, 38.3377, 36.1085

Protanopia

36.3992, 38.3430, 35.6195

Deuteranopia

38.9110, 38.2954, 36.3513



Tritanopia

37.6395, 38.4495, 47.5572

Trichromacy



Original Color

35.3524, 38.3377, 36.1085

Protanomaly

35.9307, 38.3724, 35.6498

Deuteranomaly

37.5520, 38.3825, 36.4397

Tritanomaly

36.7340, 38.3525, 43.0028

Monochromacy



Original Color

35.3524, 38.3377, 36.1085

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0662, 38.3531, 39.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3524, 38.3377, 36.1085 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(165, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 154)  
}
```

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(165, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.3524, 38.3377, 36.1085 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(165, 168, 154) }
```


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

```
.border{ border-color:rgb(165, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3524, 38.3377, 36.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 154) }
```

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

```
.background{ background-color: rgb(165,  
168, 154) }
```

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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