

Converting Colors

XYZ(35.3141, 37.7709, 23.4101)

Have a look what the booklet for
XYZ(35.3141, 37.7709, 23.4101)
contains.

XYZ(35.2664, 37.7557, 23.5180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.2664, 37.7557,
23.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A579
RGB	178, 165, 121
RGB Percent	70%, 65%, 47%
CMY	0.3020, 0.3529, 0.5255
CMYK	0.00, 0.07, 0.32, 0.30
HSL	46°, 27%, 59%
HSV	46°, 32%, 70%
XYZ	35.2664, 37.7557, 23.5180
YIQ	163.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

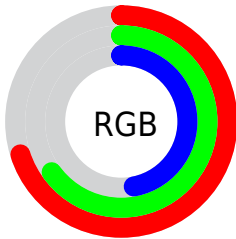
Format	Color
RYB	138, 178, 121
Decimal	11707769
CIELab	67.84, -2.09, 24.55
CIELCh	68, 24.642, 94.867
Yxy	37.7557, 0.3653, 0.3911
Android (android.graphics.Color)	4289897849 (0xFFB2A579)
YUV	163.8710, -21.1354, 12.3911
Hunter-Lab	61.4457, -5.0808, 20.3190

Details

The XYZ color **35.2664, 37.7557, 23.5180** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.4460, 24.3288, 45.5270**, and the grayscale version is **35.3161, 37.1553, 40.4621**.

A 20% lighter version of the original color is **67.1649, 71.7348, 50.3506**, and **15.3870, 16.5632, 8.5169** is the 20% darker color. If you saturate the color by 10%, you get **33.5539, 35.9193, 18.0497**, and if you desaturate by 10%, it is **37.2055, 39.7226, 30.0564**.

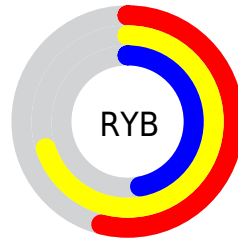
Distribution



Red (70%)

Green (65%)

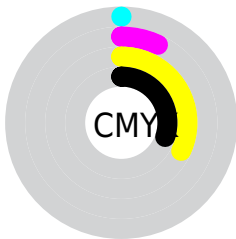
Blue (47%)



Red (54%)

Yellow (70%)

Blue (47%)

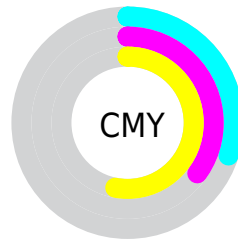


Cyan (0%)

Magenta (7%)

Yellow (32%)

Black (30%)



Cyan (30%)


Magenta (35%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2664, 37.7557, 23.5180 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 35.2664, 37.7557, 23.5180 by changing the saturation by 10% instead.


 35.2664, 37.7557,
23.5180


 35.2664, 37.7557,
23.5180


317.2301,
336.5708, 283.5822


 24.0356, 25.7931,
14.7676


 67.2296, 71.7335,
50.1764

 15.4849, 16.6689,
8.5116


 88.6927, 94.5176,
68.9215

 9.2490, 9.9987,
4.3316


 114.2973,
121.6776, 91.8352

 4.9623, 5.3981,
1.8090

144.4087,
153.5980, 119.3361

 2.2597, 2.4827,
0.4339

179.3924,
190.6631, 151.8427

 0.7739, 0.8680,
0.0000

219.6136,

 0.0000, 0.0000,

233.2573, 189.7735

0.0000

265.4377,
281.7651, 233.5472

■ 35.2664, 37.7557,
23.5180

■ 35.2664, 37.7557,
23.5180

■ 33.5539, 35.9193,
18.0497

■ 37.2055, 39.7226,
30.0564

■ 32.0538, 34.2033,
13.5907

■ 39.3788, 41.8194,
37.7167

■ 30.7547, 32.6042,
10.0776

■ 41.7970, 44.0520,
46.5499

■ 29.6428, 31.1161,
7.4389

■ 44.4692, 46.4243,
56.6034

■ 28.7024, 29.7324,
5.5928

■ 47.4042, 48.9402,
67.9218

■ 27.9148, 28.4453,
4.4419

■ 50.6102, 51.6034,
80.5475

■ 27.3651, 27.4750,
3.8609

■ 54.0950, 54.4172,
94.5210

■ 56.4836, 56.8319,
102.6004

■ 57.4205, 58.7057,
102.9127

Harmonies

Analogous

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



39.0947, 37.7557, 24.8623



35.2664, 37.7557, 23.5180



31.8504, 37.7557, 26.1599

Triad

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



35.2664, 37.7557, 23.5180



30.1932, 37.7557, 54.3379



42.9504, 37.7557, 50.7010

Complementary

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



35.2664, 37.7557, 23.5180



24.4460, 24.3288, 45.5270

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.



40.2481, 37.7557, 60.8846



35.2664, 37.7557, 23.5180



32.8572, 37.7557, 63.2319

Square

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



35.2664, 37.7557, 23.5180



29.0568, 37.7557, 42.9193



36.5121, 37.7557, 65.8175



43.7084, 37.7557, 39.3514

Rectangle

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



35.2664, 37.7557, 23.5180



30.2106, 37.7557, 30.1588



36.5121, 37.7557, 65.8175



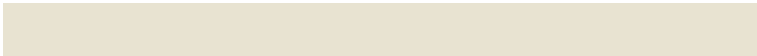
42.2303, 37.7557, 54.4341

Sweetspot

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



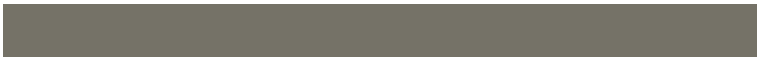
35.2674, 37.7574, 23.5188



72.1877, 76.5666, 71.1952



29.5218, 24.8698, 25.9089



15.8635, 16.8416, 15.3056



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.



35.2674, 37.7574, 23.5188



61.8490, 66.2335, 35.8585



34.4351, 40.9868, 24.1860



9.0295, 9.5715, 9.0241



19.6290, 19.7566, 2.7788



0.6580, 0.7024, 0.1009

Inverse Universe

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



24.4460, 24.3288, 45.5270



39.3228, 38.2889, 81.6991



25.0595, 22.1406, 45.0723



8.1940, 8.5341, 10.7217



6.3474, 3.4951, 30.4771



0.2440, 0.1986, 0.9737

Previews

White Background



This preview shows how the XYZ color 35.2664, 37.7557, 23.5180 looks on a white background.

Color Contrast Check

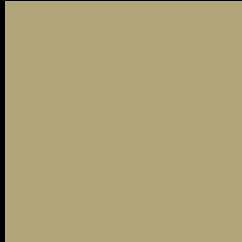
Large Text (above 18pt) WCAG AA × Fail

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 35.2664, 37.7557, 23.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

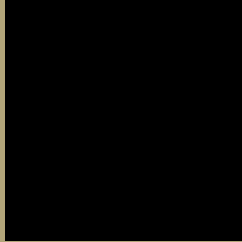
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2664, 37.7557, 23.5180

Background



This preview shows how black text looks on a background with the XYZ color 35.2664, 37.7557, 23.5180.

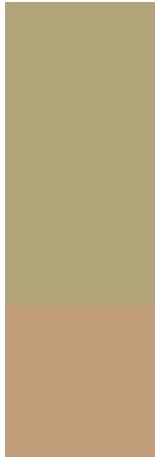


This preview shows how white text looks on a background with the XYZ color 35.2664, 37.7557,

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

35.2664, 37.7557, 23.5180

Protanopia

35.2664, 37.7557, 23.5180

Deuteranopia

38.2454, 37.4610, 23.6273



Tritanopia

39.3447, 37.5843, 43.7089

Trichromacy



Original Color

35.2664, 37.7557, 23.5180

Protanomaly

35.2664, 37.7557, 23.5180

Deuteranomaly

37.2440, 37.7137, 23.7289

Tritanomaly

37.7860, 37.7347, 35.4290

Monochromacy



Original Color

35.2664, 37.7557, 23.5180

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9829, 37.1241, 33.3388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2664, 37.7557, 23.5180 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(178, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 121)  
}
```

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(178, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 121) }
```

Border

The CSS property to change the border of an element to XYZ 35.2664, 37.7557, 23.5180 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(178, 165, 121) }
```


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

```
.border{ border-color:rgb(178, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2664, 37.7557, 23.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 121) }
```

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

```
.background{ background-color: rgb(178,  
165, 121) }
```

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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