

Converting Colors

XYZ(35.5618, 38.2476, 25.3146)

Have a look what the booklet for
XYZ(35.5618, 38.2476, 25.3146)
contains.

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Color

**XYZ(35.5336, 38.1259,
25.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A67E
RGB	177, 166, 126
RGB Percent	69%, 65%, 49%
CMY	0.3059, 0.3490, 0.5059
CMYK	0.00, 0.06, 0.29, 0.31
HSL	47°, 25%, 59%
HSV	47°, 29%, 69%
XYZ	35.5336, 38.1259, 25.2249
YIQ	164.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

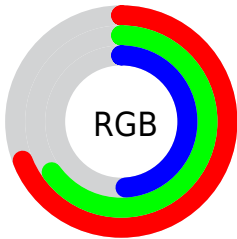
Format	Color
RYB	140, 177, 126
Decimal	11642494
CIELab	68.11, -2.36, 22.19
CIELCh	68, 22.314, 96.079
Yxy	38.1259, 0.3593, 0.3856
Android (android.graphics.Color)	4289832574 (0xFFB1A67E)
YUV	164.7290, -19.0934, 10.7617
Hunter-Lab	61.7462, -5.3329, 19.0008

Details

The XYZ color **35.5336, 38.1259, 25.2249** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4856, 25.5007, 45.1740**, and the grayscale version is **35.7172, 37.5773, 40.9217**.

A 20% lighter version of the original color is **67.5974, 72.2912, 53.0387**, and **15.6690, 16.8555, 9.4488** is the 20% darker color. If you saturate the color by 10%, you get **33.8079, 36.3433, 19.5047**, and if you desaturate by 10%, it is **37.4840, 40.0340, 32.0179**.

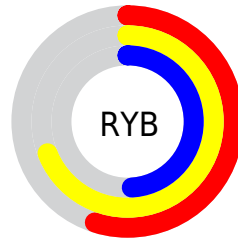
Distribution



Red (69%)

Green (65%)

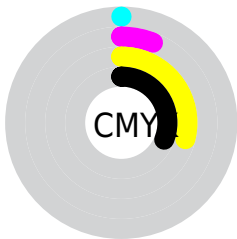
Blue (49%)



Red (55%)

Yellow (69%)

Blue (49%)

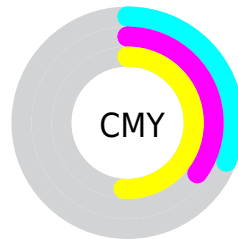


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5336, 38.1259, 25.2249 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 35.5336, 38.1259, 25.2249 by changing the saturation by 10% instead.

■ 35.5336, 38.1259,
25.2249

■ 35.5336, 38.1259,
25.2249

318.3843,
338.1597, 292.4396

■ 24.2426, 26.0804,
16.0241

■ 67.6402, 72.3011,
52.9905

■ 15.6394, 16.8838,
9.3867

■ 89.1865, 95.1995,
72.3924

■ 9.3586, 10.1517,
4.8940

■ 114.8820,
122.4845, 96.0318

■ 5.0348, 5.4996,
2.1276

145.0920,
154.5403, 124.3271

■ 2.3027, 2.5433,
0.6321

180.1819,
191.7513, 157.6971

■ 0.7960, 0.8982,
0.0000

220.5170,

■ 0.0000, 0.0000,

234.5019, 196.5601

0.0000

266.4627,
283.1766, 241.3347

■ 35.5336, 38.1259,
25.2249

■ 35.5336, 38.1259,
25.2249

■ 33.8079, 36.3433,
19.5047

■ 37.4840, 40.0340,
32.0179

■ 32.2931, 34.6764,
14.7988

■ 39.6661, 42.0666,
39.9333

■ 30.9784, 33.1219,
11.0467

■ 42.0904, 44.2297,
49.0206

■ 29.8507, 31.6743,
8.1803

■ 44.7657, 46.5268,
59.3255

■ 28.8951, 30.3274,
6.1227

■ 47.7003, 48.9618,
70.8913

■ 28.0945, 29.0739,
4.7837

■ 50.9023, 51.5380,
83.7593

■ 27.4178, 27.9012,
4.0007

■ 54.3793, 54.2588,
97.9687

■ 27.3406, 27.7653,
3.9182

■ 56.0424, 56.2888,
102.5188

■ 56.9173, 58.0386,
102.8105

Harmonies

Analogous

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



39.0188, 38.1259, 26.3446



35.5336, 38.1259, 25.2249



32.4384, 38.1259, 27.8717

Triad

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



35.5336, 38.1259, 25.2249



31.0944, 38.1259, 53.8505



42.7042, 38.1259, 49.7773

Complementary

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



35.5336, 38.1259, 25.2249



25.4856, 25.5007, 45.1740

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.



40.3223, 38.1259, 59.0053



35.5336, 38.1259, 25.2249



33.5917, 38.1259, 61.6079

Square

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



35.5336, 38.1259, 25.2249



29.9832, 38.1259, 43.5750



36.9507, 38.1259, 63.6310



43.3062, 38.1259, 39.5163

Rectangle

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



35.5336, 38.1259, 25.2249



30.9641, 38.1259, 31.7111



36.9507, 38.1259, 63.6310



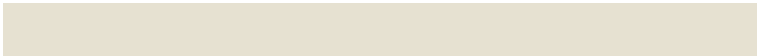
42.0780, 38.1259, 53.1506

Sweetspot

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



35.5346, 38.1276, 25.2257



70.9001, 75.2118, 71.0015



30.1116, 26.0769, 27.1325



15.2393, 16.1844, 14.9242



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.



35.5346, 38.1276, 25.2257



61.5005, 66.0935, 38.0230



34.5006, 40.6900, 25.7748



9.0385, 9.5895, 9.0271



19.8547, 20.2080, 2.8541



0.6635, 0.7135, 0.1027

Inverse Universe

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



25.4856, 25.5007, 45.1740



40.3653, 39.5435, 80.0005



26.2883, 23.7112, 44.7863



8.1856, 8.5174, 10.7189



6.2933, 3.3870, 30.4590



0.2406, 0.1917, 0.9726

Previews

White Background



This preview shows how the XYZ color 35.5336, 38.1259, 25.2249 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 35.5336, 38.1259, 25.2249 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

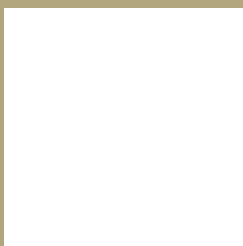
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5336, 38.1259, 25.2249

Background



This preview shows how black text looks on a background with the XYZ color 35.5336, 38.1259, 25.2249.



This preview shows how white text looks on a background with the XYZ color 35.5336, 38.1259,

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

35.5336, 38.1259, 25.2249

Protanopia

35.7622, 38.2438, 25.2356

Deuteranopia

38.7346, 37.9307, 25.3585



Tritanopia

39.5456, 38.1874, 44.3164

Trichromacy



Original Color

35.5336, 38.1259, 25.2249

Protanomaly

35.7622, 38.2438, 25.2356

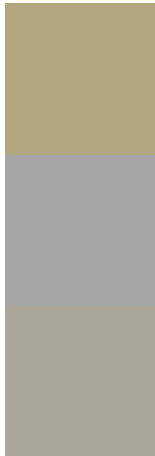
Deuteranomaly

37.4901, 38.0643, 25.4499

Tritanomaly

37.8928, 38.0310, 36.3539

Monochromacy



Original Color

35.5336, 38.1259, 25.2249

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 35.5336, 38.1259, 25.2249 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.5336, 38.1259, 25.2249 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, 126) }
```


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

```
.border{ border-color:rgb(177, 166, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5336, 38.1259, 25.2249 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, 126) }
```

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

```
.background{ background-color: rgb(177,  
166, 126) }
```

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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