

Converting Colors

XYZ(35.6431, 37.5836, 26.4951)

Have a look what the booklet for
XYZ(35.6431, 37.5836, 26.4951)
contains.

XYZ(35.6648, 37.6276, 26.5022)	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(35.6648, 37.6276,
26.5022)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A482
RGB	178, 164, 130
RGB Percent	70%, 64%, 51%
CMY	0.3020, 0.3568, 0.4902
CMYK	0.00, 0.08, 0.27, 0.30
HSL	43°, 24%, 60%
HSV	43°, 27%, 70%
XYZ	35.6648, 37.6276, 26.5022
YIQ	164.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

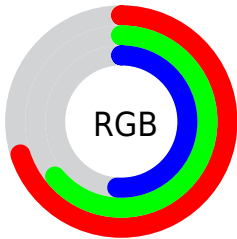
Format	Color
RYB	150, 178, 130
Decimal	11707522
CIELab	67.75, -0.33, 19.51
CIELCh	68, 19.518, 90.980
Yxy	37.6276, 0.3574, 0.3771
Android (android.graphics.Color)	4289897602 (0xFFB2A482)
YUV	164.3100, -16.9148, 12.0061
Hunter-Lab	61.3413, -3.5647, 17.3230

Details

The XYZ color **35.6648, 37.6276, 26.5022** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2148, 27.9059, 46.0716**, and the grayscale version is **35.5068, 37.3559, 40.6805**.

A 20% lighter version of the original color is **67.8104, 71.5744, 55.0410**, and **15.6996, 16.5275, 9.9521** is the 20% darker color. If you saturate the color by 10%, you get **33.6622, 35.3718, 20.4414**, and if you desaturate by 10%, it is **37.9139, 40.0453, 33.6659**.

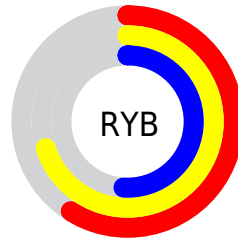
Distribution



Red (70%)

Green (64%)

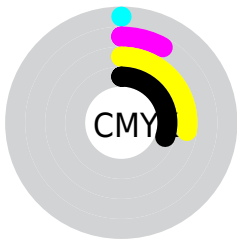
Blue (51%)



Red (59%)

Yellow (70%)

Blue (51%)

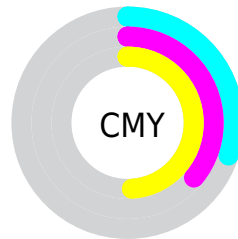


Cyan (0%)

Magenta (8%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6648, 37.6276, 26.5022 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 35.6648, 37.6276, 26.5022 by changing the saturation by 10% instead.

■ 35.6648, 37.6276,
26.5022

■ 35.6648, 37.6276,
26.5022

318.9499,
336.0198, 298.9223

■ 24.3443, 25.6938,
16.9706

■ 67.8416, 71.5370,
55.0780

■ 15.7154, 16.5947,
10.0518

■ 89.4287, 94.2814,
74.9593

■ 9.4125, 9.9459,
5.3273

■ 115.1687,
121.3980, 99.1275

■ 5.0705, 5.3631,
2.3784

145.4270,
153.2714, 128.0013

■ 2.3239, 2.4619,
0.7747

180.5689,
190.2859, 161.9991

■ 0.8068, 0.8574,
0.0000

220.9598,

■ 0.0000, 0.0000,

232.8258, 201.5395

0.0000

266.9650,
281.2756, 247.0410

■ 35.6648, 37.6276,
26.5022

■ 35.6648, 37.6276,
26.5022

■ 33.6622, 35.3718,
20.4414

■ 37.9139, 40.0453,
33.6659

■ 31.8923, 33.2677,
15.4248

■ 40.4171, 42.6246,
41.9822

■ 30.3438, 31.3115,
11.3920

■ 43.1848, 45.3718,
51.5007

■ 29.0035, 29.4970,
8.2755

■ 46.2264, 48.2913,
62.2675

■ 27.8566, 27.8175,
5.9991

■ 49.5503, 51.3871,
74.3260

■ 26.8857, 26.2654,
4.4739

■ 53.1649, 54.6633,
87.7178

■ 26.0664, 24.8301,
3.5740

■ 57.0782, 58.1236,
102.4824

■ 25.8336, 24.4119,
3.3504

■ 58.3675, 60.5997,
103.2284

■ 59.6339, 63.1326,
103.6505

Harmonies

Analogous

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



38.6527, 37.6276, 28.0913



35.6648, 37.6276, 26.5022



32.8601, 37.6276, 28.3128

Triad

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



35.6648, 37.6276, 26.5022



31.0172, 37.6276, 50.1309



41.0804, 37.6276, 49.5701

Complementary

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



35.6648, 37.6276, 26.5022



27.2148, 27.9059, 46.0716

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.



38.8339, 37.6276, 56.9289



35.6648, 37.6276, 26.5022



33.0228, 37.6276, 57.2834

Square

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



35.6648, 37.6276, 26.5022



30.2714, 37.6276, 41.2548



35.8632, 37.6276, 59.9283



41.8835, 37.6276, 40.6866

Rectangle

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



35.6648, 37.6276, 26.5022



31.4435, 37.6276, 31.3747



35.8632, 37.6276, 59.9283



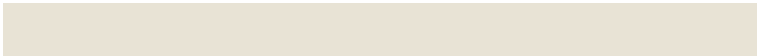
40.4630, 37.6276, 52.3458

Sweetspot

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



35.6658, 37.6293, 26.5030



72.7369, 76.7328, 74.2520



31.4077, 27.4565, 30.1908



15.9595, 16.8419, 15.9284



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.



35.6658, 37.6293, 26.5030



62.5938, 65.9158, 41.6788



36.1836, 41.8214, 27.2849



8.9836, 9.4797, 9.0088



18.5404, 17.5795, 2.4160



0.6307, 0.6478, 0.0918

Inverse Universe

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



27.2148, 27.9059, 46.0716



44.8422, 45.4964, 82.7994



26.7668, 24.7209, 45.4804



8.2372, 8.6205, 10.7361



6.6734, 4.1472, 30.5858



0.2616, 0.2338, 0.9796

Previews

White Background



This preview shows how the XYZ color 35.6648, 37.6276, 26.5022 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 35.6648, 37.6276, 26.5022 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 35.6648, 37.6276, 26.5022

Background



This preview shows how black text looks on a background with the XYZ color 35.6648, 37.6276, 26.5022.



This preview shows how white text looks on a background with the XYZ color 35.6648, 37.6276,

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

35.6648, 37.6276, 26.5022

Protanopia

35.3889, 37.7521, 26.5408

Deuteranopia

38.4872, 37.7724, 26.7350



Tritanopia

39.1060, 37.4613, 43.6977

Trichromacy



Original Color

35.6648, 37.6276, 26.5022

Protanomaly

35.6159, 37.8691, 26.5514

Deuteranomaly

37.5806, 37.8198, 26.7920

Tritanomaly

37.6276, 37.3657, 36.6816

Monochromacy



Original Color

35.6648, 37.6276, 26.5022

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.3051, 37.2529, 35.0355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6648, 37.6276, 26.5022 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, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(178, 164, 130)  
}
```

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, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 164, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.6648, 37.6276, 26.5022 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, 164, 130) }
```


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

```
.border{ border-color:rgb(178, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(178, 164,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6648, 37.6276, 26.5022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 164, 130) }
```

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

```
.background{ background-color: rgb(178,  
164, 130) }
```

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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