

Converting Colors

XYZ(35.1828, 36.4799, 26.3320)

Have a look what the booklet for
XYZ(35.1828, 36.4799, 26.3320)
contains.

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Color

**XYZ(35.3645, 36.6851,
26.3361)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A182
RGB	179, 161, 130
RGB Percent	70%, 63%, 51%
CMY	0.2980, 0.3686, 0.4902
CMYK	0.00, 0.10, 0.27, 0.30
HSL	38°, 24%, 61%
HSV	38°, 27%, 70%
XYZ	35.3645, 36.6851, 26.3361
YIQ	162.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

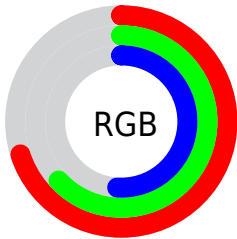
Format	Color
RYB	158, 179, 130
Decimal	11772290
CIELab	67.04, 1.69, 18.56
CIElCh	67, 18.637, 84.795
Yxy	36.6851, 0.3594, 0.3729
Android (android.graphics.Color)	4289962370 (0xFFB3A182)
YUV	162.8480, -16.1941, 14.1653
Hunter-Lab	60.5682, -1.7720, 16.6175

Details

The XYZ color **35.3645, 36.6851, 26.3361** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9323, 29.1795, 46.8079**, and the grayscale version is **34.8089, 36.6217, 39.8810**.

A 20% lighter version of the original color is **67.3641, 70.1928, 54.7978**, and **15.6281, 16.1667, 9.8862** is the 20% darker color. If you saturate the color by 10%, you get **33.1475, 34.0094, 20.1762**, and if you desaturate by 10%, it is **37.8529, 39.5686, 33.6185**.

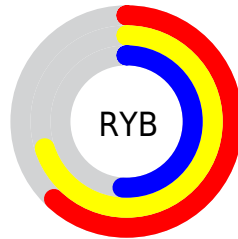
Distribution



Red (70%)

Green (63%)

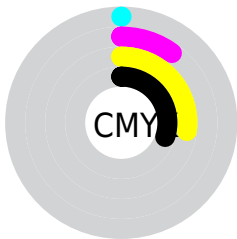
Blue (51%)



Red (62%)

Yellow (70%)

Blue (51%)

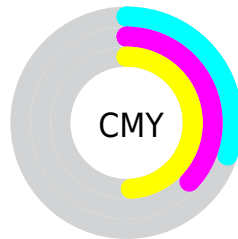


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3645, 36.6851, 26.3361 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 35.3645, 36.6851, 26.3361 by changing the saturation by 10% instead.

■ 35.3645, 36.6851,
26.3361

■ 35.3645, 36.6851,
26.3361

317.6542,
331.9452, 298.0859

■ 24.1116, 24.9638,
16.8472

■ 67.3804, 70.0882,
54.8074

■ 15.5416, 16.0501,
9.9648

■ 88.8741, 92.5388,
74.6269

■ 9.2892, 9.5596,
5.2703

■ 114.5121,
119.3345, 98.7270

■ 4.9889, 5.1079,
2.3452

144.6597,
150.8599, 127.5263

■ 2.2754, 2.3107,
0.7564

179.6824,
187.4992, 161.4433

■ 0.7821, 0.7794,
0.0000

219.9455,

■ 0.0000, 0.0000,

229.6370, 200.8965

0.0000

265.8143,
277.6575, 246.3045

■ 35.3645, 36.6851,
26.3361

■ 35.3645, 36.6851,
26.3361

■ 33.1475, 34.0094,
20.1762

■ 37.8529, 39.5686,
33.6185

■ 31.1872, 31.5302,
15.0793

■ 40.6207, 42.6608,
42.0744

■ 29.4720, 29.2428,
10.9836

■ 43.6793, 45.9687,
51.7542

■ 27.9877, 27.1399,
7.8201

■ 47.0382, 49.4976,
62.7048

■ 26.7187, 25.2137,
5.5110

■ 50.7067, 53.2526,
74.9707

■ 25.6467, 23.4552,
3.9654

■ 54.6937, 57.2386,
88.5941

■ 24.7453, 21.8522,
3.0487

■ 58.9589, 61.4406,
103.3595

■ 24.5245, 21.4519,
2.8480

■ 60.5852, 64.6933,
103.9016

■ 62.2787, 68.0802,
104.4661

Harmonies

Analogous

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



38.1033, 36.6851, 28.5056



35.3645, 36.6851, 26.3361



32.6334, 36.6851, 27.3905

Triad

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



35.3645, 36.6851, 26.3361



30.1536, 36.6851, 46.8493



39.5106, 36.6851, 49.6283

Complementary

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



35.3645, 36.6851, 26.3361



27.9323, 29.1795, 46.8079

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.



37.2026, 36.6851, 55.8440



35.3645, 36.6851, 26.3361



31.8214, 36.6851, 54.0934

Square

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



35.3645, 36.6851, 26.3361



29.7203, 36.6851, 38.5455



34.3763, 36.6851, 57.5793



40.5784, 36.6851, 41.3756

Rectangle

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



35.3645, 36.6851, 26.3361



31.1695, 36.6851, 29.8655



34.3763, 36.6851, 57.5793



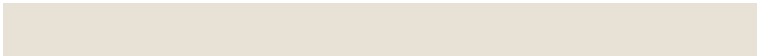
38.8482, 36.6851, 52.0672

Sweetspot

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



35.3655, 36.6868, 26.3369



72.3550, 75.9690, 74.1247



31.9809, 27.7124, 32.0070



15.8599, 16.6429, 15.8952



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.



35.3655, 36.6868, 26.3369



60.8264, 62.6972, 40.1151



37.4459, 42.7686, 27.4011



8.9294, 9.3714, 8.9908



17.3938, 15.2862, 2.0338



0.6006, 0.5877, 0.0818

Inverse Universe

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



27.9323, 29.1795, 46.8079



45.2382, 46.9586, 83.0608



26.2271, 24.4310, 45.9813



8.2891, 8.7243, 10.7534



7.1733, 5.1469, 30.7524



0.2826, 0.2757, 0.9866

Previews

White Background



This preview shows how the XYZ color 35.3645, 36.6851, 26.3361 looks on a white background.

Color Contrast Check

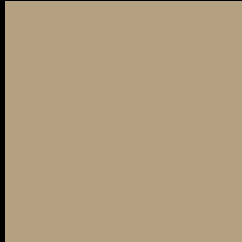
Large Text (above 18pt) WCAG AA × Fail

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 35.3645, 36.6851, 26.3361 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

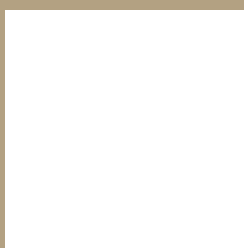
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3645, 36.6851, 26.3361

Background



This preview shows how black text looks on a background with the XYZ color 35.3645, 36.6851, 26.3361.



This preview shows how white text looks on a background with the XYZ color 35.3645, 36.6851,

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

35.3645, 36.6851, 26.3361

Protanopia

34.4275, 36.7173, 26.7454

Deuteranopia

37.3889, 36.6998, 26.5859



Tritanopia

38.7235, 36.7944, 42.1069

Trichromacy



Original Color

35.3645, 36.6851, 26.3361

Protanomaly

34.6963, 36.5933, 26.7073

Deuteranomaly

36.5733, 36.5315, 26.5964

Tritanomaly

37.3510, 36.7319, 35.6932

Monochromacy



Original Color

35.3645, 36.6851, 26.3361

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8684, 36.5100, 34.4875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3645, 36.6851, 26.3361 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, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 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(179, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.3645, 36.6851, 26.3361 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, 161, 130) }
```


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

```
.border{ border-color:rgb(179, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3645, 36.6851, 26.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 130) }
```

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

```
.background{ background-color: rgb(179,  
161, 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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