

Converting Colors

XYZ(35.2017, 36.5934, 26.6806)

Have a look what the booklet for
XYZ(35.2017, 36.5934, 26.6806)
contains.

XYZ(35.2017, 36.5934, 26.6806)	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(35.2017, 36.5934,
26.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A183
RGB	178, 161, 131
RGB Percent	70%, 63%, 51%
CMY	0.3020, 0.3686, 0.4863
CMYK	0.00, 0.10, 0.26, 0.30
HSL	38°, 23%, 61%
HSV	38°, 26%, 70%
XYZ	35.2017, 36.5934, 26.6806
YIQ	162.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

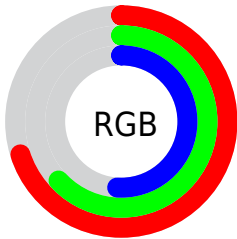
Format	Color
RYB	158, 178, 131
Decimal	11706755
CIELab	66.97, 1.44, 17.90
CIELCh	67, 17.958, 85.412
Yxy	36.5934, 0.3575, 0.3716
Android (android.graphics.Color)	4289896835 (0xFFB2A183)
YUV	162.6630, -15.6099, 13.4505
Hunter-Lab	60.4925, -1.9894, 16.1945

Details

The XYZ color **35.2017, 36.5934, 26.6806** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9856, 29.2187, 46.2844**, and the grayscale version is **34.7194, 36.5275, 39.7784**.

A 20% lighter version of the original color is **67.1393, 70.0649, 55.3326**, and **15.5186, 16.1059, 10.0754** is the 20% darker color. If you saturate the color by 10%, you get **33.0017, 33.9608, 20.4980**, and if you desaturate by 10%, it is **37.6689, 39.4280, 33.9757**.

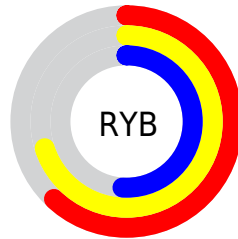
Distribution



Red (70%)

Green (63%)

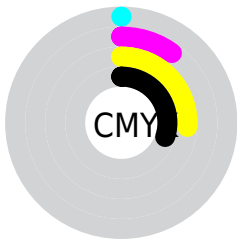
Blue (51%)



Red (62%)

Yellow (70%)

Blue (51%)

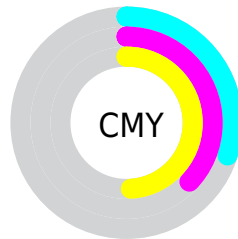


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2017, 36.5934, 26.6806 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 35.2017, 36.5934, 26.6806 by changing the saturation by 10% instead.

■ 35.2017, 36.5934,
26.6806

■ 35.2017, 36.5934,
26.6806

316.9502,
331.5468, 299.8184

■ 23.9855, 24.8928,
17.1032

■ 67.1301, 69.9470,
55.3684

■ 15.4476, 15.9972,
10.1453

■ 88.5730, 92.3688,
75.3159

■ 9.2225, 9.5222,
5.3886

■ 114.1556,
119.1332, 99.5571

■ 4.9448, 5.0833,
2.4143

144.2431,
150.6244, 128.5106

■ 2.2494, 2.2962,
0.7942

179.2010,
187.2271, 162.5949

■ 0.7686, 0.7717,
0.0000

219.3945,

■ 0.0000, 0.0000,

229.3254, 202.2286

0.0000

265.1891,
277.3038, 247.8303

■ 35.2017, 36.5934,
26.6806

■ 35.2017, 36.5934,
26.6806

■ 33.0017, 33.9608,
20.4980

■ 37.6689, 39.4280,
33.9757

■ 31.0545, 31.5194,
15.3695

■ 40.4110, 42.4654,
42.4331

■ 29.3486, 29.2644,
11.2347

■ 43.4390, 45.7125,
52.1022

■ 27.8704, 27.1889,
8.0265

■ 46.7625, 49.1743,
63.0292

■ 26.6047, 25.2854,
5.6689

■ 50.3904, 52.8559,
75.2575

■ 25.5338, 23.5452,
4.0741

■ 54.3313, 56.7618,
88.8287

■ 24.6345, 21.9575,
3.1237

■ 58.4965, 60.8578,
103.2714

■ 24.3360, 21.4167,
2.8512

■ 60.0787, 64.0221,
103.7988

■ 61.7251, 67.3148,
104.3475

Harmonies

Analogous

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



37.8407, 36.5934, 28.7237



35.2017, 36.5934, 26.6806



32.5807, 36.5934, 27.7695

Triad

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



35.2017, 36.5934, 26.6806



30.2600, 36.5934, 46.6361



39.2750, 36.5934, 48.9833

Complementary

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



35.2017, 36.5934, 26.6806



27.9856, 29.2187, 46.2844

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.



37.0780, 36.5934, 54.9919



35.2017, 36.5934, 26.6806



31.8907, 36.5934, 53.5175

Square

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



35.2017, 36.5934, 26.6806



29.8155, 36.5934, 38.6558



34.3635, 36.5934, 56.7504



40.2692, 36.5934, 41.0563

Rectangle

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



35.2017, 36.5934, 26.6806



31.1815, 36.5934, 30.2115



34.3635, 36.5934, 56.7504



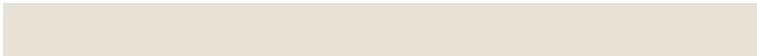
38.6472, 36.5934, 51.3330

Sweetspot

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



35.2027, 36.5951, 26.6814



72.3834, 76.0257, 74.1341



31.8405, 27.8435, 31.8105



15.8673, 16.6576, 15.8977



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.



35.2027, 36.5951, 26.6814



61.3274, 63.3829, 41.2567



36.9722, 42.2202, 27.6739



8.9335, 9.3794, 8.9921



17.4739, 15.4464, 2.0605



0.6028, 0.5920, 0.0825

Inverse Universe

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



27.9856, 29.2187, 46.2844



45.9078, 47.6275, 83.1546



26.5129, 24.7883, 45.5069



8.2852, 8.7165, 10.7521



7.1316, 5.0635, 30.7385



0.2810, 0.2725, 0.9860

Previews

White Background



This preview shows how the XYZ color 35.2017, 36.5934, 26.6806 looks on a white background.

Color Contrast Check

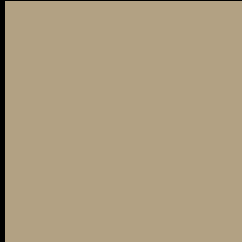
Large Text (above 18pt) WCAG AA × Fail

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 35.2017, 36.5934, 26.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

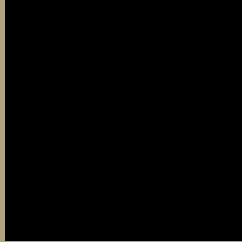
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2017, 36.5934, 26.6806

Background



This preview shows how black text looks on a background with the XYZ color 35.2017, 36.5934, 26.6806.



This preview shows how white text looks on a background with the XYZ color 35.2017, 36.5934,

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

35.2017, 36.5934, 26.6806

Protanopia

34.4956, 36.7446, 27.1041

Deuteranopia

37.2081, 36.5987, 26.9330



Tritanopia

38.2478, 36.5492, 42.0846

Trichromacy



Original Color

35.2017, 36.5934, 26.6806

Protanomaly

34.7644, 36.6206, 27.0660

Deuteranomaly

36.3993, 36.4340, 26.9438

Tritanomaly

37.1993, 36.6440, 36.1227

Monochromacy



Original Color

35.2017, 36.5934, 26.6806

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6547, 36.3999, 34.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2017, 36.5934, 26.6806 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, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 161, 131)  
}
```

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, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 161, 131) }
```

Border

The CSS property to change the border of an element to XYZ 35.2017, 36.5934, 26.6806 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, 161, 131) }
```


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

```
.border{ border-color:rgb(178, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 161,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2017, 36.5934, 26.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 161, 131) }
```

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

```
.background{ background-color: rgb(178,  
161, 131) }
```

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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