

Converting Colors

XYZ(35.1981, 36.1326, 35.6910)

Have a look what the booklet for
XYZ(35.1981, 36.1326, 35.6910)
contains.

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Color

**XYZ(35.1981, 36.1326,
35.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA09A
RGB	171, 160, 154
RGB Percent	67%, 63%, 60%
CMY	0.3294, 0.3725, 0.3961
CMYK	0.00, 0.06, 0.10, 0.33
HSL	21°, 9%, 64%
HSV	21°, 10%, 67%
XYZ	35.1981, 36.1326, 35.6910
YIQ	162.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

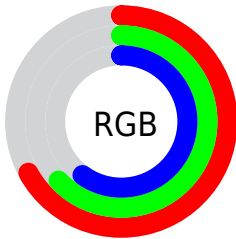
Format	Color
RYB	171, 163, 154
Decimal	11247770
CIELab	66.62, 2.93, 4.55
CIELCh	67, 5.413, 57.209
Yxy	36.1326, 0.3289, 0.3376
Android (android.graphics.Color)	4289437850 (0xFFABA09A)
YUV	162.6050, -4.2423, 7.3624
Hunter-Lab	60.1104, -0.6712, 6.8734

Details

The XYZ color **35.1981, 36.1326, 35.6910** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1321, 36.7199, 43.8171**, and the grayscale version is **34.6440, 36.4481, 39.6920**.

A 20% lighter version of the original color is **67.0496, 69.3237, 69.5214**, and **15.5246, 15.8385, 15.0709** is the 20% darker color. If you saturate the color by 10%, you get **32.0414, 31.9380, 28.1056**, and if you desaturate by 10%, it is **38.7304, 40.7528, 44.4035**.

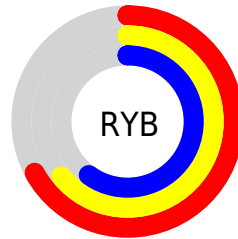
Distribution



Red (67%)

Green (63%)

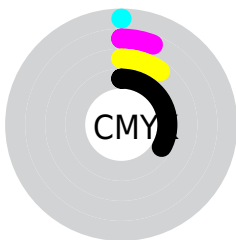
Blue (60%)



Red (67%)

Yellow (64%)

Blue (60%)

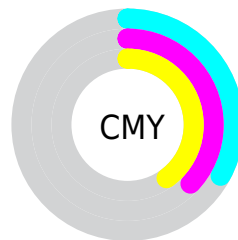


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1981, 36.1326, 35.6910 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 35.1981, 36.1326, 35.6910 by changing the saturation by 10% instead.

 35.1981, 36.1326,
35.6910


 35.1981, 36.1326,
35.6910


316.9346,
329.5397, 342.6044

 23.9827, 24.5366,
23.9078


 67.1245, 69.2367,
69.7185

 15.4455, 15.7322,
15.0537

 88.5663, 91.5136,
92.8000

 9.2210, 9.3348,
8.7100

114.1477,
118.1196, 120.4846

 4.9439, 4.9602,
4.4583

144.2339,
149.4390, 153.1910

 2.2488, 2.2239,
1.8800

179.1903,
185.8564, 191.3376

 0.7683, 0.7330,
0.4800

219.3823,

 0.0000, 0.0000,

227.7560, 235.3430

0.0000

265.1753,
275.5224, 285.6258

■ 35.1981, 36.1326,
35.6910

■ 35.1981, 36.1326,
35.6910

■ 32.0414, 31.9380,
28.1056

■ 38.7304, 40.7528,
44.4035

■ 29.2442, 28.1521,
21.5986

■ 42.6476, 45.8056,
54.2844

■ 26.7940, 24.7634,
16.1210

■ 46.9624, 51.3039,
65.3760

■ 24.6759, 21.7585,
11.6193

■ 51.6859, 57.2584,
77.7175

■ 22.8742, 19.1229,
8.0348

■ 56.8290, 63.6797,
91.3466

■ 21.3714, 16.8411,
5.3028

■ 62.1429, 70.4743,
104.9354

■ 20.1485, 14.8966,
3.3496

■ 65.2552, 76.6988,
105.9728

■ 19.1834, 13.2709,
2.0890

■ 68.5652, 83.3189,
107.0761

■ 18.4348, 11.9373,
1.3354

■ 70.6047, 87.3980,
107.7560

Harmonies

Analogous

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



35.7546, 36.1326, 37.3269



35.1981, 36.1326, 35.6910



34.4193, 36.1326, 35.0303

Triad

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



35.1981, 36.1326, 35.6910



32.8024, 36.1326, 39.1243



35.0640, 36.1326, 43.4674

Complementary

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



35.1981, 36.1326, 35.6910



34.1321, 36.7199, 43.8171

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.



34.2668, 36.1326, 43.9942



35.1981, 36.1326, 35.6910



32.9689, 36.1326, 41.4289

Square

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



35.1981, 36.1326, 35.6910



33.0432, 36.1326, 36.9629



33.5018, 36.1326, 43.2344



35.6764, 36.1326, 41.8216

Rectangle

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



35.1981, 36.1326, 35.6910



33.8817, 36.1326, 35.2116



33.5018, 36.1326, 43.2344



34.8084, 36.1326, 43.7840

Sweetspot

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



35.1991, 36.1342, 35.6918



67.3225, 70.3292, 74.4477



35.1467, 34.4881, 40.4260



14.8994, 15.5352, 16.3204



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.1991, 36.1342, 35.6918



61.6971, 62.9417, 60.6622



36.7136, 39.1631, 36.1966



8.2280, 8.4608, 8.4128



13.9396, 9.0847, 1.0188



0.4402, 0.3575, 0.0458

Inverse Universe

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



34.1321, 36.7199, 43.8171



59.3853, 64.2102, 78.2658



32.6586, 33.7728, 43.3259



7.9947, 8.5889, 10.1891



9.8459, 10.8256, 30.6151



0.3228, 0.3990, 0.8680

Previews

White Background



This preview shows how the XYZ color 35.1981, 36.1326, 35.6910 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 35.1981, 36.1326, 35.6910 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 35.1981, 36.1326, 35.6910

Background



This preview shows how black text looks on a background with the XYZ color 35.1981, 36.1326, 35.6910.



This preview shows how white text looks on a background with the XYZ color 35.1981, 36.1326,

35.6910.

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

35.1981, 36.1326, 35.6910

Protanopia

34.5976, 36.0718, 36.1494

Deuteranopia

36.7958, 36.1838, 36.0552



Tritanopia

36.7161, 36.2402, 43.0901

Trichromacy



Original Color

35.1981, 36.1326, 35.6910

Protanomaly

34.8097, 36.1811, 36.1593

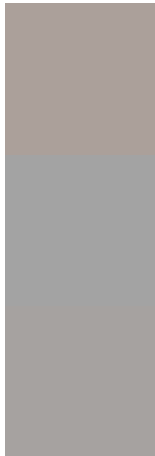
Deuteranomaly

36.2747, 36.1674, 36.0795

Tritanomaly

36.1122, 36.2473, 40.2151

Monochromacy



Original Color

35.1981, 36.1326, 35.6910

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9914, 36.4857, 38.4559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1981, 36.1326, 35.6910 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(171, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 154)  
}
```

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(171, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.1981, 36.1326, 35.6910 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(171, 160, 154) }
```


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

```
.border{ border-color:rgb(171, 160, 154) }
```

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

Here you see how a box with a 4 pixel rgb(171, 160, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1981, 36.1326, 35.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 154) }
```

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

```
.background{ background-color: rgb(171,  
160, 154) }
```

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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