

Converting Colors

XYZ(35.9509, 34.5024, 23.3126)

Have a look what the booklet for
XYZ(35.9509, 34.5024, 23.3126)
contains.

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Color

**XYZ(36.0653, 34.6147,
23.1928)**

Conversions

Conversions Part 1

Format	Color
Hex	BF977A
RGB	191, 151, 122
RGB Percent	75%, 59%, 48%
CMY	0.2510, 0.4078, 0.5216
CMYK	0.00, 0.21, 0.36, 0.25
HSL	25°, 35%, 61%
HSV	25°, 36%, 75%
XYZ	36.0653, 34.6147, 23.1928
YIQ	159.6540, 33.1490, -0.5390

Conversions

Conversions Part 2

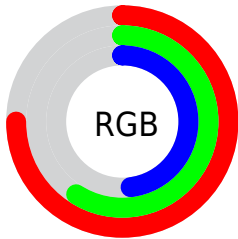
Format	Color
R_{YB}	191, 172, 122
Decimal	12556154
CIE _{Lab}	65.45, 10.91, 20.98
CIE _{LCh}	65, 23.653, 62.518
Yxy	34.6147, 0.3842, 0.3687
Android (android.graphics.Color)	4290746234 (0xFFBF977A)
YUV	159.6540, -18.5634, 27.4904
Hunter-Lab	58.8343, 6.4602, 17.8115

Details

The XYZ color **36.0653, 34.6147, 23.1928** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.3499, 33.7387, 54.2028**, and the grayscale version is **33.3271, 35.0627, 38.1833**.

A 20% lighter version of the original color is **68.2806, 66.7142, 49.8358**, and **15.9131, 14.8296, 8.3270** is the 20% darker color. If you saturate the color by 10%, you get **33.2975, 30.7904, 16.9942**, and if you desaturate by 10%, it is **39.2349, 38.8700, 30.6736**.

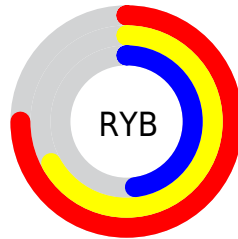
Distribution



Red (75%)

Green (59%)

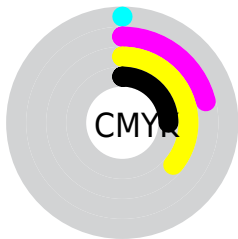
Blue (48%)



Red (75%)

Yellow (67%)

Blue (48%)

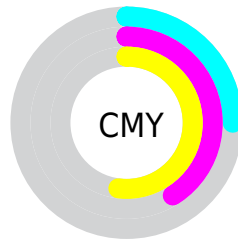


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (25%)



Cyan (25%)


Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0653, 34.6147, 23.1928 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 36.0653, 34.6147, 23.1928 by changing the saturation by 10% instead.


 36.0653, 34.6147,
23.1928


 36.0653, 34.6147,
23.1928

320.6721,
322.8644, 281.8677


 24.6550, 23.3662,
14.5293


 68.4561, 66.8884,
49.6369

 15.9475, 14.8642,
8.3468


 90.1672, 88.6825,
68.2546

 9.5777, 8.7241,
4.2267


 116.0427,
114.7605, 91.0274

 5.1799, 4.5617,
1.7505

146.4478,
145.5070, 118.3740

 2.3891, 1.9925,
0.3950

181.7479,
181.3062, 150.7127

 0.8397, 0.6031,
0.0000

222.3085,

 0.0000, 0.0000,

222.5425, 188.4622

0.0000

268.4948,
269.6005, 232.0410

■ 36.0653, 34.6147,
23.1928

■ 36.0653, 34.6147,
23.1928

■ 33.2975, 30.7904,
16.9942

■ 39.2349, 38.8700,
30.6736

■ 30.9104, 27.3776,
12.0020

■ 42.8205, 43.5652,
39.5022

■ 28.8852, 24.3622,
8.1357


■ 46.8390, 48.7152,
49.7421


■ 27.1997, 21.7275,
5.3040


■ 51.3055, 54.3325,
61.4522


■ 25.8288, 19.4549,
3.4008


■ 56.2340, 60.4291,
74.6882

 24.7417, 17.5232,
2.2908

 61.6383, 67.0166,
89.5025

 24.3756, 16.8558,
1.9688

 67.4182, 74.0610,
105.3496

 70.5711, 80.3669,
106.4006

 73.9228, 87.0703,
107.5178

Harmonies

Analogous

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



38.8321, 34.6147, 28.3507



36.0653, 34.6147, 23.1928



32.6089, 34.6147, 21.6852

Triad

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



36.0653, 34.6147, 23.1928



26.6939, 34.6147, 38.5325



36.6060, 34.6147, 56.1371

Complementary

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



36.0653, 34.6147, 23.1928



30.3499, 33.7387, 54.2028

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.



33.1933, 34.6147, 60.0970



36.0653, 34.6147, 23.1928



27.6055, 34.6147, 48.8823

Square

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



36.0653, 34.6147, 23.1928



27.3464, 34.6147, 29.5665



29.9260, 34.6147, 57.2356



39.1594, 34.6147, 47.1788

Rectangle

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



36.0653, 34.6147, 23.1928



30.4186, 34.6147, 22.6922



29.9260, 34.6147, 57.2356



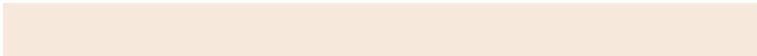
35.5133, 34.6147, 58.1614

Sweetspot

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



36.0662, 34.6163, 23.1935



80.1565, 82.4889, 79.5057



34.9894, 27.6133, 37.7851



17.3865, 17.8377, 16.9120



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



36.0662, 34.6163, 23.1935



60.7836, 56.7514, 32.9457



42.4001, 47.2842, 25.3048



9.8509, 10.1777, 10.0219



16.0953, 11.2293, 1.3192



0.6953, 0.5695, 0.0733

Inverse Universe

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



30.3499, 33.7387, 54.2028



49.0966, 54.9415, 96.2962



25.1170, 23.2728, 52.4585



9.4634, 10.1190, 12.1266



9.9764, 10.0646, 33.8097



0.4542, 0.5210, 1.3455

Previews

White Background



This preview shows how the XYZ color 36.0653, 34.6147, 23.1928 looks on a white background.

Color Contrast Check

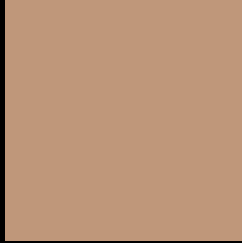
Large Text (above 18pt) WCAG AA × Fail

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 36.0653, 34.6147, 23.1928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

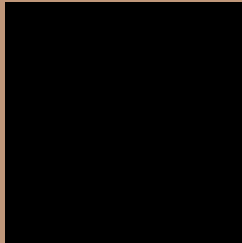
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0653, 34.6147, 23.1928

Background



This preview shows how black text looks on a background with the XYZ color 36.0653, 34.6147, 23.1928.



This preview shows how white text looks on a background with the XYZ color 36.0653, 34.6147,

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

36.0653, 34.6147, 23.1928

Protanopia

32.5262, 34.7376, 24.7294

Deuteranopia

35.3976, 34.7524, 23.2546



Tritanopia

38.8704, 34.5942, 36.5269

Trichromacy



Original Color

36.0653, 34.6147, 23.1928

Protanomaly

33.7216, 34.6047, 24.3041

Deuteranomaly

35.4801, 34.5530, 23.2117

Tritanomaly

37.8721, 34.6628, 31.0801

Monochromacy



Original Color

36.0653, 34.6147, 23.1928

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0399, 34.8472, 32.1262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0653, 34.6147, 23.1928 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(191, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(191, 151, 122)  
}
```

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(191, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 151, 122) }
```

Border

The CSS property to change the border of an element to XYZ 36.0653, 34.6147, 23.1928 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(191, 151, 122) }
```


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

```
.border{ border-color:rgb(191, 151, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 151, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(191, 151,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0653, 34.6147, 23.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 151, 122) }
```

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

```
.background{ background-color: rgb(191,  
151, 122) }
```

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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