

Converting Colors

XYZ(35.6664, 35.4272, 24.1891)

Have a look what the booklet for
XYZ(35.6664, 35.4272, 24.1891)
contains.

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Color

**XYZ(35.6091, 35.3370,
24.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9B7C
RGB	186, 155, 124
RGB Percent	73%, 61%, 49%
CMY	0.2706, 0.3921, 0.5137
CMYK	0.00, 0.17, 0.33, 0.27
HSL	30°, 31%, 61%
HSV	30°, 33%, 73%
XYZ	35.6091, 35.3370, 24.0127
YIQ	160.7350, 28.4270, -3.0690

Conversions

Conversions Part 2

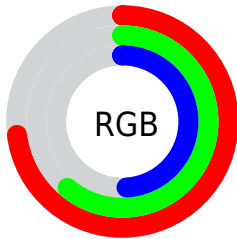
Format	Color
RYB	186, 186, 124
Decimal	12229500
CIELab	66.01, 6.96, 20.56
CIElCh	66, 21.708, 71.307
Yxy	35.3370, 0.3750, 0.3721
Android (android.graphics.Color)	4290419580 (0xFFBA9B7C)
YUV	160.7350, -18.1104, 22.1574
Hunter-Lab	59.4449, 2.8976, 17.6613

Details

The XYZ color **35.6091, 35.3370, 24.0127** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8961, 31.2719, 50.9675**, and the grayscale version is **33.8261, 35.5877, 38.7550**.

A 20% lighter version of the original color is **67.6984, 67.8299, 51.1194**, and **15.7360, 15.3142, 8.7832** is the 20% darker color. If you saturate the color by 10%, you get **33.0538, 31.9345, 17.8949**, and if you desaturate by 10%, it is **38.5073, 39.0699, 31.3402**.

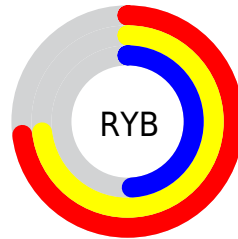
Distribution



Red (73%)

Green (61%)

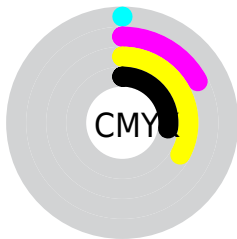
Blue (49%)



Red (73%)

Yellow (73%)

Blue (49%)

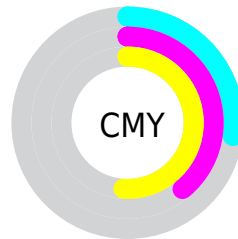


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6091, 35.3370, 24.0127 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 35.6091, 35.3370, 24.0127 by changing the saturation by 10% instead.


 35.6091, 35.3370,
24.0127


 35.6091, 35.3370,
24.0127


318.7099,
326.0533, 286.1733

 24.3012, 23.9226,
15.1308


 67.7561, 68.0075,
50.9950

 15.6831, 15.2762,
8.7636


 89.3259, 90.0324,
69.9325

 9.3896, 9.0135,
4.4926


 115.0470,
116.3629, 93.0588

 5.0553, 4.7500,
1.8993

145.2848,
147.3834, 120.7927

 2.3148, 2.1013,
0.4923

180.4046,
183.4783, 153.5525

 0.8022, 0.6654,
0.0000

220.7718,

 0.0000, 0.0000,

225.0320, 191.7568

0.0000

266.7518,
272.4289, 235.8243

■ 35.6091, 35.3370,
24.0127

■ 35.6091, 35.3370,
24.0127

■ 33.0538, 31.9345,
17.8949

■ 38.5073, 39.0699,
31.3402

■ 30.8235, 28.8472,
12.9178

■ 41.7598, 43.1381,
39.9369

■ 28.9026, 26.0657,
9.0090


■ 45.3808, 47.5525,
49.8607


■ 27.2729, 23.5780,
6.0863


■ 49.3827, 52.3220,
61.1655


■ 25.9136, 21.3712,
4.0557


■ 53.7773, 57.4551,
73.9021


 24.8005, 19.4306,
2.8042

 58.5761, 62.9600,
88.1188

 24.1651, 18.2699,
2.2528

 63.7898, 68.8447,
103.8614

 66.4284, 73.9166,
105.3739

 69.0766, 79.2129,
106.2566

Harmonies

Analogous

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



38.4524, 35.3370, 27.9239



35.6091, 35.3370, 24.0127



32.3881, 35.3370, 23.5838

Triad

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



35.6091, 35.3370, 24.0127



27.8773, 35.3370, 42.0562



37.8390, 35.3370, 53.3816

Complementary

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



35.6091, 35.3370, 24.0127



28.8961, 31.2719, 50.9675

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.



34.8147, 35.3370, 58.6000



35.6091, 35.3370, 24.0127



29.1499, 35.3370, 51.3989

Square

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



35.6091, 35.3370, 24.0127



28.0599, 35.3370, 33.0715



31.6425, 35.3370, 57.8215



39.7955, 35.3370, 44.4393

Rectangle

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



35.6091, 35.3370, 24.0127



30.4730, 35.3370, 25.2346



31.6425, 35.3370, 57.8215



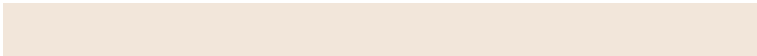
36.9057, 35.3370, 55.6893

Sweetspot

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



35.6100, 35.3386, 24.0134



77.6975, 80.6559, 77.8199



33.3740, 27.2213, 34.5059



16.9115, 17.5179, 16.5971



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.6100, 35.3386, 24.0134



61.0904, 59.4741, 35.1896



41.4468, 47.0122, 25.9590



9.3656, 9.7342, 9.4922



16.3325, 12.4414, 1.5406



0.6377, 0.5624, 0.0749

Inverse Universe

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



28.8961, 31.2719, 50.9675



47.0493, 50.9692, 91.5597



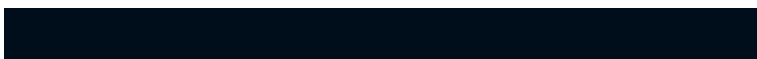
24.3831, 22.2460, 49.4631



8.8820, 9.4413, 11.4337



8.6704, 7.8005, 32.3017



0.3675, 0.3988, 1.1593

Previews

White Background



This preview shows how the XYZ color 35.6091, 35.3370, 24.0127 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 35.6091, 35.3370, 24.0127 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 35.6091, 35.3370, 24.0127

Background



This preview shows how black text looks on a background with the XYZ color 35.6091, 35.3370, 24.0127.



This preview shows how white text looks on a background with the XYZ color 35.6091, 35.3370,

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

35.6091, 35.3370, 24.0127

Protanopia

33.1313, 35.3059, 24.8072

Deuteranopia

35.9327, 35.2578, 23.9804



Tritanopia

38.5746, 35.3331, 38.5051

Trichromacy



Original Color

35.6091, 35.3370, 24.0127

Protanomaly

33.8330, 35.1645, 24.4063

Deuteranomaly

35.6872, 35.1312, 23.9689

Tritanomaly

37.5598, 35.4134, 32.8728

Monochromacy



Original Color

35.6091, 35.3370, 24.0127

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3210, 35.4804, 33.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6091, 35.3370, 24.0127 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(186, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 124)  
}
```

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(186, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 124) }
```

Border

The CSS property to change the border of an element to XYZ 35.6091, 35.3370, 24.0127 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(186, 155, 124) }
```


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

```
.border{ border-color:rgb(186, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6091, 35.3370, 24.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 124) }
```

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

```
.background{ background-color: rgb(186,  
155, 124) }
```

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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