

Converting Colors

XYZ(35.0749, 36.0073, 23.6405)

Have a look what the booklet for
XYZ(35.0749, 36.0073, 23.6405)
contains.

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Color

**XYZ(35.2024, 36.1465,
23.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	B69F7A
RGB	182, 159, 122
RGB Percent	71%, 62%, 48%
CMY	0.2863, 0.3765, 0.5216
CMYK	0.00, 0.13, 0.33, 0.29
HSL	37°, 29%, 60%
HSV	37°, 33%, 71%
XYZ	35.2024, 36.1465, 23.5340
YIQ	161.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

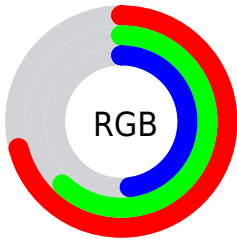
Format	Color
RYB	159, 182, 122
Decimal	11968378
CIELab	66.63, 2.90, 22.44
CIELCh	67, 22.629, 82.636
Yxy	36.1465, 0.3710, 0.3810
Android (android.graphics.Color)	4290158458 (0xFFB69F7A)
YUV	161.6590, -19.5519, 17.8391
Hunter-Lab	60.1220, -0.6987, 18.8770

Details

The XYZ color **35.2024, 36.1465, 23.5340** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.5947, 27.7650, 48.2135**, and the grayscale version is **34.2641, 36.0485, 39.2568**.

A 20% lighter version of the original color is **67.3810, 69.5390, 50.4284**, and **15.4672, 15.7954, 8.5369** is the 20% darker color. If you saturate the color by 10%, you get **33.0130, 33.4065, 17.7520**, and if you desaturate by 10%, it is **37.6725, 39.1097, 30.4523**.

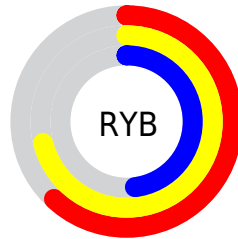
Distribution



Red (71%)

Green (62%)

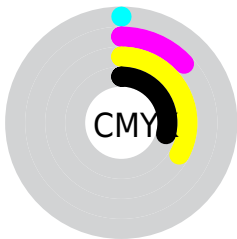
Blue (48%)



Red (62%)

Yellow (71%)

Blue (48%)

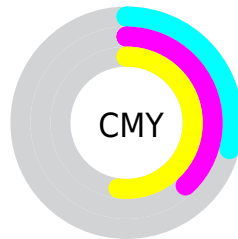


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2024, 36.1465, 23.5340 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 35.2024, 36.1465, 23.5340 by changing the saturation by 10% instead.

■ 35.2024, 36.1465,
23.5340

■ 35.2024, 36.1465,
23.5340

316.9532,
329.6004, 283.6663

■ 23.9861, 24.5474,
14.7793

■ 67.1312, 69.2581,
50.2029

■ 15.4480, 15.7401,
8.5197

■ 88.5743, 91.5394,
68.9543

■ 9.2227, 9.3405,
4.3368

■ 114.1571,
118.1502, 91.8749

■ 4.9450, 4.9639,
1.8119

144.2449,
149.4749, 119.3833

■ 2.2495, 2.2261,
0.4358

179.2030,
185.8978, 151.8982

■ 0.7686, 0.7342,
0.0000

219.3969,

■ 0.0000, 0.0000,

227.8035, 189.8379

0.0000

265.1918,
275.5762, 233.6211

■ 35.2024, 36.1465,
23.5340

■ 35.2024, 36.1465,
23.5340

■ 33.0130, 33.4065,
17.7520

■ 37.6725, 39.1097,
30.4523

■ 31.0888, 30.8778,
13.0416

■ 40.4327, 42.2977,
38.5625

■ 29.4164, 28.5546,
9.3348

■ 43.4949, 45.7182,
47.9192

■ 27.9802, 26.4288,
6.5546

■ 46.8698, 49.3772,
58.5727

■ 26.7624, 24.4913,
4.6132

■ 50.5674, 53.2803,
70.5708

■ 25.7418, 22.7317,
3.4050

■ 54.5972, 57.4329,
83.9588

■ 25.1127, 21.5877,
2.8433

■ 58.9682, 61.8400,
98.7797

■ 61.5931, 65.6684,
104.0367

■ 63.4053, 69.2929,
104.6408

Harmonies

Analogous

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



38.4855, 36.1465, 26.2543



35.2024, 36.1465, 23.5340



31.8970, 36.1465, 24.4614

Triad

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



35.2024, 36.1465, 23.5340



28.6597, 36.1465, 47.0255



39.8280, 36.1465, 51.8714

Complementary

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



35.2024, 36.1465, 23.5340



26.5947, 27.7650, 48.2135

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.



36.9386, 36.1465, 59.3286



35.2024, 36.1465, 23.5340



30.5333, 36.1465, 56.2239

Square

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



35.2024, 36.1465, 23.5340



28.2624, 36.1465, 37.0021



33.5236, 36.1465, 61.0406



41.2684, 36.1465, 41.8106

Rectangle

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



35.2024, 36.1465, 23.5340



30.1089, 36.1465, 27.1098



33.5236, 36.1465, 61.0406



38.9852, 36.1465, 54.8294

Sweetspot

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



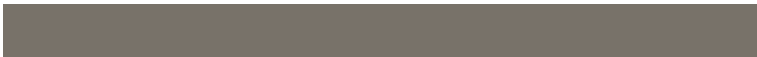
35.2033, 36.1482, 23.5347



74.8008, 78.3769, 74.4265



31.3621, 25.9089, 30.1364



16.3544, 17.1229, 15.9342



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.2033, 36.1482, 23.5347



60.7180, 61.6691, 34.4086



37.9202, 43.9751, 24.9023



9.4533, 9.9095, 9.5214



17.8001, 15.3766, 2.0298



0.6854, 0.6578, 0.0908

Inverse Universe

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



26.5947, 27.7650, 48.2135



42.5625, 43.9984, 86.4850



24.4567, 21.9641, 47.2065



8.7957, 9.2687, 11.4049



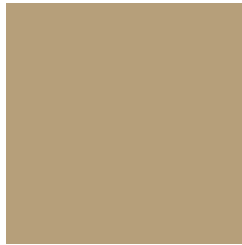
7.5586, 5.5768, 31.9311



0.3270, 0.3177, 1.1458

Previews

White Background



This preview shows how the XYZ color 35.2024, 36.1465, 23.5340 looks on a white background.

Color Contrast Check

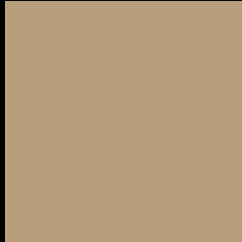
Large Text (above 18pt) WCAG AA × Fail

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 35.2024, 36.1465, 23.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

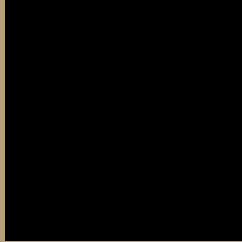
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2024, 36.1465, 23.5340

Background



This preview shows how black text looks on a background with the XYZ color 35.2024, 36.1465, 23.5340.



This preview shows how white text looks on a background with the XYZ color 35.2024, 36.1465,

23.5340.

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

35.2024, 36.1465, 23.5340

Protanopia

33.7291, 36.1550, 23.9398

Deuteranopia

36.9495, 36.2834, 23.7948



Tritanopia

38.6763, 36.0639, 40.5199

Trichromacy



Original Color

35.2024, 36.1465, 23.5340

Protanomaly

34.2245, 36.1499, 23.9127

Deuteranomaly

36.3712, 36.2354, 23.8160

Tritanomaly

37.1537, 35.9269, 33.4101

Monochromacy



Original Color

35.2024, 36.1465, 23.5340

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3735, 36.0313, 32.7468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2024, 36.1465, 23.5340 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(182, 159, 122)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 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(182, 159, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 122) }
```

Border

The CSS property to change the border of an element to XYZ 35.2024, 36.1465, 23.5340 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(182, 159, 122) }
```


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

```
.border{ border-color:rgb(182, 159, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2024, 36.1465, 23.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 122) }
```

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

```
.background{ background-color: rgb(182,  
159, 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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