

Converting Colors

XYZ(35.0191, 36.3191, 19.9621)

Have a look what the booklet for
XYZ(35.0191, 36.3191, 19.9621)
contains.

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Color

**XYZ(35.1524, 36.4577,
19.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A06E
RGB	184, 160, 110
RGB Percent	72%, 63%, 43%
CMY	0.2784, 0.3725, 0.5686
CMYK	0.00, 0.13, 0.40, 0.28
HSL	41°, 34%, 58%
HSV	41°, 40%, 72%
XYZ	35.1524, 36.4577, 19.9362
YIQ	161.4760, 30.3540, -10.4620

Conversions

Conversions Part 2

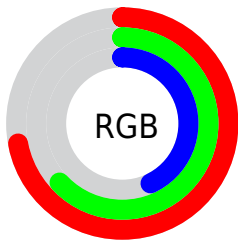
Format	Color
RYB	146, 184, 110
Decimal	12099694
CIELab	66.87, 1.71, 29.31
CIElCh	67, 29.358, 86.658
Yxy	36.4577, 0.3840, 0.3982
Android (android.graphics.Color)	4290289774 (0xFFB8A06E)
YUV	161.4760, -25.3777, 19.7535
Hunter-Lab	60.3802, -1.7455, 22.6899

Details

The XYZ color **35.1524, 36.4577, 19.9362** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.6070, 23.8251, 48.7018**, and the grayscale version is **34.2033, 35.9845, 39.1871**.

A 20% lighter version of the original color is **67.0977, 69.9103, 44.1400**, and **15.5169, 16.0200, 6.6892** is the 20% darker color. If you saturate the color by 10%, you get **33.2434, 34.0799, 14.8601**, and if you desaturate by 10%, it is **37.3209, 39.0214, 26.1259**.

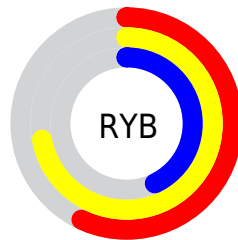
Distribution



Red (72%)

Green (63%)

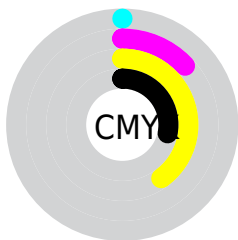
Blue (43%)



Red (57%)

Yellow (72%)

Blue (43%)

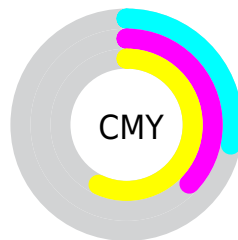


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1524, 36.4577, 19.9362 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 35.1524, 36.4577, 19.9362 by changing the saturation by 10% instead.

■ 35.1524, 36.4577,
19.9362

■ 35.1524, 36.4577,
19.9362

316.7367,
330.9567, 264.1623

■ 23.9474, 24.7879,
12.1651

■ 67.0543, 69.7379,
44.1678

■ 15.4191, 15.9191,
6.7323

■ 88.4818, 92.1171,
61.4653

■ 9.2023, 9.4669,
3.2193

■ 114.0475,
118.8350, 82.7753

■ 4.9315, 5.0470,
1.2077

■ 144.1168,
150.2757, 108.5164

■ 2.2415, 2.2748,
0.0000

179.0550,
186.8239, 139.1071

■ 0.7645, 0.7603,
0.0000

219.2275,

■ 0.0000, 0.0000,

228.8639, 174.9660

0.0000

264.9996,
276.7800, 216.5115

■ 35.1524, 36.4577,
19.9362

■ 35.1524, 36.4577,
19.9362

■ 33.2434, 34.0799,
14.8601

■ 37.3209, 39.0214,
26.1259

■ 31.5776, 31.8764,
10.8269

■ 39.7587, 41.7720,
33.4896

■ 30.1406, 29.8416,
7.7610

■ 42.4784, 44.7170,
42.0860

■ 28.9154, 27.9676,
5.5757

■ 45.4908, 47.8616,
51.9694

■ 27.8819, 26.2451,
4.1686

■ 48.8062, 51.2111,
63.1905

■ 27.0168, 24.6897,
3.3416

■ 52.4343, 54.7703,
75.7975

■ 56.3845, 58.5439,
89.8361

■ 60.3088, 62.3938,
103.4723

■ 61.7886, 65.3534,
103.9656

Harmonies

Analogous

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



39.5635, 36.4577, 22.5622



35.1524, 36.4577, 19.9362



30.9581, 36.4577, 21.5975

Triad

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



35.1524, 36.4577, 19.9362



27.5632, 36.4577, 51.7183



42.2911, 36.4577, 54.7218

Complementary

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



35.1524, 36.4577, 19.9362



23.6070, 23.8251, 48.7018

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.



38.6286, 36.4577, 65.8267



35.1524, 36.4577, 19.9362



30.1647, 36.4577, 63.8484

Square

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



35.1524, 36.4577, 19.9362



26.8030, 36.4577, 38.2868



34.1563, 36.4577, 69.4781



43.9006, 36.4577, 41.1398

Rectangle

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



35.1524, 36.4577, 19.9362



28.8020, 36.4577, 25.1585



34.1563, 36.4577, 69.4781



41.2447, 36.4577, 58.9711

Sweetspot

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



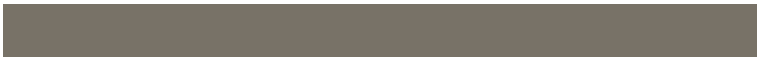
35.1533, 36.4594, 19.9369



75.9839, 79.9741, 73.0177



29.6931, 23.0825, 25.6896



16.2403, 17.0902, 15.2934



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.



35.1533, 36.4594, 19.9369



60.7248, 62.3693, 28.1209



36.8952, 44.1397, 21.3276



9.4981, 9.9991, 9.5363



18.6862, 17.1488, 2.3252



0.7124, 0.7118, 0.0998

Inverse Universe

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



23.6070, 23.8251, 48.7018



37.0012, 36.4307, 87.2863



22.3014, 18.7750, 47.7958



8.7526, 9.1823, 11.3905



7.1222, 4.7041, 31.7857



0.3089, 0.2815, 1.1398

Previews

White Background



This preview shows how the XYZ color 35.1524, 36.4577, 19.9362 looks on a white background.

Color Contrast Check

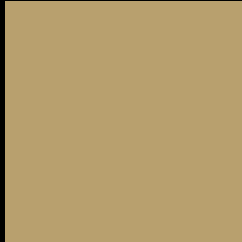
Large Text (above 18pt) WCAG AA × Fail

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 35.1524, 36.4577, 19.9362 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 35.1524, 36.4577, 19.9362

Background



This preview shows how black text looks on a background with the XYZ color 35.1524, 36.4577, 19.9362.



This preview shows how white text looks on a background with the XYZ color 35.1524, 36.4577,

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

35.1524, 36.4577, 19.9362

Protanopia

33.8709, 36.5722, 20.3129

Deuteranopia

37.2634, 36.5267, 20.1253



Tritanopia

39.4180, 36.4462, 40.5546

Trichromacy



Original Color

35.1524, 36.4577, 19.9362

Protanomaly

34.3800, 36.5721, 20.2860

Deuteranomaly

36.4121, 36.3380, 20.1337

Tritanomaly

37.7383, 36.5126, 31.8467

Monochromacy



Original Color

35.1524, 36.4577, 19.9362

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.9895, 35.8777, 30.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1524, 36.4577, 19.9362 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(184, 160, 110)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 110)  
}
```

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(184, 160, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.1524, 36.4577, 19.9362 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(184, 160, 110) }
```


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

```
.border{ border-color:rgb(184, 160, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 110);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1524, 36.4577, 19.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 110) }
```

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

```
.background{ background-color: rgb(184,  
160, 110) }
```

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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