

Converting Colors

XYZ(36.3805, 47.1253, 34.3728)

Have a look what the booklet for
XYZ(36.3805, 47.1253, 34.3728)
contains.

| | |
|--|----|
| XYZ(36.3805, 47.1253, 34.3728) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(36.3805, 47.1253,
34.3728)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 91C392 |
| RGB | 145, 195, 146 |
| RGB Percent | 57%, 76%, 57% |
| CMY | 0.4314, 0.2353, 0.4274 |
| CMYK | 0.26, 0.00, 0.25, 0.24 |
| HSL | 121°, 29%, 67% |
| HSV | 121°, 26%, 76% |
| XYZ | 36.3805, 47.1253, 34.3728 |
| YIQ | 174.4640, -14.0710, -25.8390 |

Conversions

Conversions Part 2

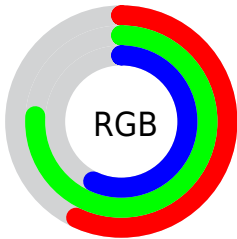
| Format | Color |
|-------------------------------------|--|
| RYB | 145, 194, 195 |
| Decimal | 9552786 |
| CIELab | 74.27, -26.06, 19.46 |
| CIELCh | 74, 32.523, 143.255 |
| Yxy | 47.1253, 0.3086, 0.3998 |
| Android (android.graphics.Color) | 4287742866 (0xFF91C392) |
| YUV | 174.4640, -14.0328, -25.8399 |
| Hunter-Lab | 68.6479, -25.5362, 18.3663 |

Details

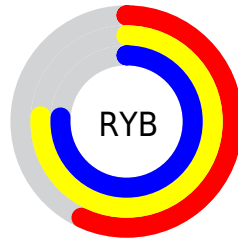
The XYZ color **36.3805, 47.1253, 34.3728** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.3703, 35.7490, 55.7080**, and the grayscale version is **40.5471, 42.6587, 46.4553**.

A 20% lighter version of the original color is **69.0551, 86.0703, 67.6172**, and **16.1046, 22.2031, 14.2633** is the 20% darker color. If you saturate the color by 10%, you get **31.8705, 44.9593, 27.0400**, and if you desaturate by 10%, it is **41.7313, 49.6987, 43.0441**.

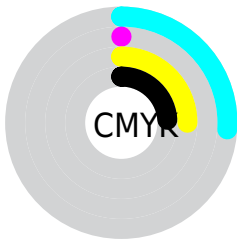
Distribution



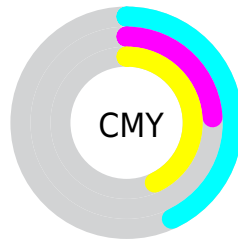
- Red (57%)
- Green (76%)
- Blue (57%)



- Red (57%)
- Yellow (76%)
- Blue (76%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (43%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3805, 47.1253, 34.3728 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 36.3805, 47.1253, 34.3728 by changing the saturation by 10% instead.

■ 36.3805, 47.1253,
34.3728

■ 36.3805, 47.1253,
34.3728

322.0229,
375.3145, 336.6109

■ 24.8997, 33.1347,
22.9005

■ 68.9390, 85.9006,
67.6535

■ 16.1307, 22.2297,
14.3154

■ 90.7474, 111.4542,
90.2989

■ 9.7081, 14.0258,
8.1991

116.7290,
141.6308, 117.5058

■ 5.2666, 8.1386,
4.1330

147.2492,
176.8150, 149.6927

■ 2.4409, 4.1838,
1.6986

182.6733,
217.3910, 187.2781

■ 0.8655, 1.7769,
0.3598

223.3667,

■ 0.0000, 0.4727,

263.7433, 230.6806

0.0000

269.6948,
316.2564, 280.3187

■ 0.0000, 0.0000,
0.0000

■ 36.3805, 47.1253,
34.3728

■ 36.3805, 47.1253,
34.3728

■ 31.8705, 44.9593,
27.0400

■ 41.7313, 49.6987,
43.0441

■ 28.1551, 43.1743,
20.9760

■ 47.9587, 52.6927,
53.1126

■ 25.1894, 41.7501,
16.1100

■ 55.1008, 56.1269,
64.6372

■ 22.9224, 40.6620,
12.3624

■ 63.1925, 60.0182,
77.6726

■ 21.2970, 39.8825,
9.6445

■ 72.2668, 64.3824,
92.2707

■ 20.2467, 39.3797,
7.8539

■ 78.8060, 67.5121,
103.4853

■ 19.6902, 39.1140,
6.8673

■ 19.5374, 39.0406,
6.6179

Harmonies

Analogous

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



40.5014, 47.1253, 27.0686



36.3805, 47.1253, 34.3728



34.5374, 47.1253, 47.6251

Triad

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



36.3805, 47.1253, 34.3728



43.4848, 47.1253, 90.3433



55.9232, 47.1253, 39.6304

Complementary

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



36.3805, 47.1253, 34.3728



42.3703, 35.7490, 55.7080

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.



56.8967, 47.1253, 55.1832



36.3805, 47.1253, 34.3728



49.3736, 47.1253, 86.9022

Square

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



36.3805, 47.1253, 34.3728



38.4021, 47.1253, 81.6437



54.4075, 47.1253, 73.0617



51.8523, 47.1253, 29.6111

Rectangle

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



36.3805, 47.1253, 34.3728



34.7240, 47.1253, 59.0456



54.4075, 47.1253, 73.0617



56.6373, 47.1253, 44.2840

Sweetspot

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



36.3817, 47.1273, 34.3738



82.9723, 92.9658, 90.4061



46.9189, 52.5684, 34.4623



17.7863, 20.1741, 19.1778



0.0000, 0.0000, 0.0000



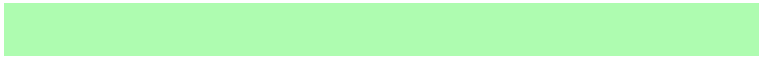
20.3446, 21.4041, 23.3091

Same Dimension

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



36.3817, 47.1273, 34.3738



60.2623, 82.0493, 53.6091



38.5283, 47.9859, 45.6777



9.9524, 11.2620, 10.7528



12.7014, 25.3746, 4.3207



0.5517, 1.0975, 0.2018

Inverse Universe

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



42.3703, 35.7490, 55.7080



72.8752, 58.0830, 98.5410



39.8097, 34.7247, 42.2238



10.4883, 10.2439, 12.6620



20.7505, 9.9900, 32.9279



0.8994, 0.4328, 1.4376

Previews

White Background



This preview shows how the XYZ color 36.3805, 47.1253, 34.3728 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 36.3805, 47.1253, 34.3728 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 36.3805, 47.1253, 34.3728

Background



This preview shows how black text looks on a background with the XYZ color 36.3805, 47.1253, 34.3728.



This preview shows how white text looks on a background with the XYZ color 36.3805, 47.1253,

34.3728.

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

36.3805, 47.1253, 34.3728

Protanopia

43.7097, 46.8187, 31.5441

Deuteranopia

47.6990, 46.7108, 35.3562



Tritanopia

42.2803, 47.2468, 63.3910

Trichromacy



Original Color

36.3805, 47.1253, 34.3728

Protanomaly

40.5573, 46.7237, 32.4722

Deuteranomaly

42.6463, 46.1906, 35.1018

Tritanomaly

39.8368, 47.2183, 51.2704

Monochromacy



Original Color

36.3805, 47.1253, 34.3728

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.5330, 43.9228, 41.5690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3805, 47.1253, 34.3728 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(145, 195, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 195, 146)  
}
```

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(145, 195, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 195, 146) }
```

Border

The CSS property to change the border of an element to XYZ 36.3805, 47.1253, 34.3728 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(145, 195, 146) }
```


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

```
.border{ border-color:rgb(145, 195, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 195, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 195,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3805, 47.1253, 34.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 195, 146) }
```

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

```
.background{ background-color: rgb(145,  
195, 146) }
```

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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