

Converting Colors

XYZ(34.2132, 30.9611, 51.1892)

Have a look what the booklet for
XYZ(34.2132, 30.9611, 51.1892)
contains.

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Color

**XYZ(34.1597, 30.9332,
51.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	A58EBB
RGB	165, 142, 187
RGB Percent	65%, 56%, 73%
CMY	0.3529, 0.4431, 0.2667
CMYK	0.12, 0.24, 0.00, 0.27
HSL	271°, 25%, 65%
HSV	271°, 24%, 73%
XYZ	34.1597, 30.9332, 51.1840
YIQ	154.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

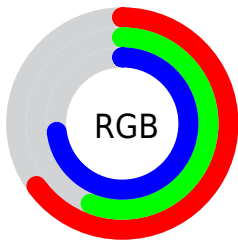
Format	Color
RYB	165, 142, 187
Decimal	10849979
CIELab	62.45, 17.34, -20.25
CIELCh	62, 26.658, 310.575
Yxy	30.9332, 0.2938, 0.2660
Android (android.graphics.Color)	4289040059 (0xFFA58EBB)
YUV	154.0070, 16.2655, 9.6409
Hunter-Lab	55.6176, 12.3018, -15.6313

Details

The XYZ color **34.1597, 30.9332, 51.1840** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9637, 45.3869, 32.3523**, and the grayscale version is **30.6502, 32.2464, 35.1163**.

A 20% lighter version of the original color is **65.4328, 61.1666, 93.1517**, and **14.9403, 12.8862, 24.2541** is the 20% darker color. If you saturate the color by 10%, you get **29.7735, 24.8831, 50.2479**, and if you desaturate by 10%, it is **39.1506, 37.9894, 52.2834**.

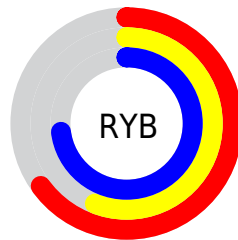
Distribution



Red (65%)

Green (56%)

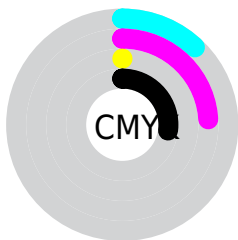
Blue (73%)



Red (65%)

Yellow (56%)

Blue (73%)

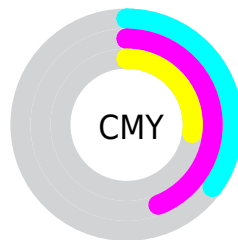


Cyan (12%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1597, 30.9332, 51.1840 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 34.1597, 30.9332, 51.1840 by changing the saturation by 10% instead.

■ 34.1597, 30.9332,
51.1840

■ 34.1597, 30.9332,
51.1840

312.4170,
306.2305, 408.1452

■ 23.1798, 20.5480,
35.9773

■ 65.5246, 61.1349,
93.3410

■ 14.8477, 12.7940,
24.1271

■ 86.6403, 81.7201,
121.1284

■ 8.7982, 7.2868,
15.2149

■ 111.8652,
106.4742, 153.9464

■ 4.6659, 3.6421,
8.8220

141.5648,
135.7815, 192.2136

■ 2.0853, 1.4755,
4.5301

176.1045,
170.0263, 236.3486

■ 0.6812, 0.2714,
1.9204

215.8495,

■ 0.0000, 0.0000,

209.5932, 286.7698

0.5057

261.1652,
254.8664, 343.8958

■ 0.0000, 0.0000,
0.0000

■ 34.1597, 30.9332,
51.1840

■ 34.1597, 30.9332,
51.1840

■ 29.7735, 24.8831,
50.2479

■ 39.1506, 37.9894,
52.2834

■ 25.9629, 19.7873,
49.4651

■ 44.7676, 46.0927,
53.5515

■ 22.7007, 15.5951,
48.8279

■ 51.0346, 55.2862,
54.9957

■ 19.9562, 12.2492,
48.3267

■ 57.9735, 65.6095,
56.6226

■ 17.6949, 9.6856,
47.9511

■ 65.6047, 77.1003,
58.4383

■ 15.8777, 7.8309,
47.6889

■ 73.9482, 89.7945,
60.4488

■ 14.4579, 6.5966,
47.5254

■ 77.0425, 91.7658,
60.6662

■ 13.7491, 6.0518,
47.4576

■ 80.0372, 93.3096,
60.8063

■ 83.1878, 94.9337,
60.9538

Harmonies

Analogous

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



30.6957, 30.9332, 57.2941



34.1597, 30.9332, 51.1840



36.4582, 30.9332, 40.7475

Triad

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



34.1597, 30.9332, 51.1840



31.7748, 30.9332, 18.1750



23.0818, 30.9332, 37.4694

Complementary

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



34.1597, 30.9332, 51.1840



37.9637, 45.3869, 32.3523

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.



23.3190, 30.9332, 27.4827



34.1597, 30.9332, 51.1840



28.1434, 30.9332, 17.6529

Square

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



34.1597, 30.9332, 51.1840



35.0051, 30.9332, 22.3177



25.1063, 30.9332, 20.7065



24.4295, 30.9332, 48.3652

Rectangle

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



34.1597, 30.9332, 51.1840



36.9166, 30.9332, 33.4816



25.1063, 30.9332, 20.7065



22.9818, 30.9332, 33.8812

Sweetspot

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



34.1607, 30.9345, 51.1847



76.9873, 77.9201, 95.1838



33.4912, 36.0701, 52.2112



16.8179, 16.9625, 20.9303



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.



34.1607, 30.9345, 51.1847



56.8019, 49.3258, 90.7285



39.1370, 33.4999, 51.4176



9.4689, 9.4586, 11.9988



9.5568, 4.2128, 32.7023



0.4497, 0.2038, 1.2845

Inverse Universe

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



36.8684, 32.5924, 39.4711



62.6383, 52.8986, 65.5209



33.8092, 43.2452, 32.1579



9.7193, 9.6120, 10.9109



15.4702, 7.8192, 7.7698



0.6390, 0.3195, 0.4784

Previews

White Background



This preview shows how the XYZ color 34.1597, 30.9332, 51.1840 looks on a white background.

Color Contrast Check

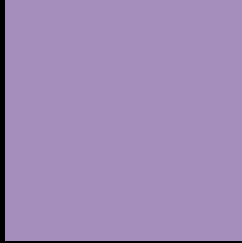
Large Text (above 18pt) WCAG AA × Fail

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 34.1597, 30.9332, 51.1840 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 34.1597, 30.9332, 51.1840

Background



This preview shows how black text looks on a background with the XYZ color 34.1597, 30.9332, 51.1840.



This preview shows how white text looks on a background with the XYZ color 34.1597, 30.9332,

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

34.1597, 30.9332, 51.1840

Protanopia

31.0771, 30.8761, 54.1909

Deuteranopia

31.6656, 31.0209, 50.7730



Tritanopia

31.1889, 30.8442, 37.1106

Trichromacy



Original Color

34.1597, 30.9332, 51.1840

Protanomaly

31.9676, 30.6650, 52.9493

Deuteranomaly

32.4682, 30.9730, 50.7215

Tritanomaly

32.1871, 30.7968, 41.7840

Monochromacy



Original Color

34.1597, 30.9332, 51.1840

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.8898, 31.8350, 40.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1597, 30.9332, 51.1840 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(165, 142, 187)` looks like.

```
.text, #text, p{  
    color:rgb(165, 142, 187)  
}
```

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(165, 142, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 142, 187) }
```

Border

The CSS property to change the border of an element to XYZ 34.1597, 30.9332, 51.1840 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(165, 142, 187) }
```


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

```
.border{ border-color:rgb(165, 142, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 142, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 142, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 142, 187);  
box-shadow:4px 4px 4px 4px rgb(165, 142,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1597, 30.9332, 51.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 142, 187) }
```

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

```
.background{ background-color: rgb(165,  
142, 187) }
```

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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