

Converting Colors

XYZ(36.2082, 42.6283, 34.2095)

Have a look what the booklet for
XYZ(36.2082, 42.6283, 34.2095)
contains.

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Color

**XYZ(36.1672, 42.5568,
34.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB594
RGB	159, 181, 148
RGB Percent	62%, 71%, 58%
CMY	0.3765, 0.2902, 0.4196
CMYK	0.12, 0.00, 0.18, 0.29
HSL	100°, 18%, 65%
HSV	100°, 18%, 71%
XYZ	36.1672, 42.5568, 34.3250
YIQ	170.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

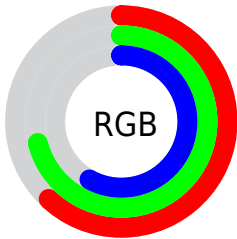
Format	Color
RYB	148, 181, 170
Decimal	10466708
CIELab	71.25, -13.77, 14.32
CIELCh	71, 19.865, 133.877
Yxy	42.5568, 0.3199, 0.3764
Android (android.graphics.Color)	4288656788 (0xFF9FB594)
YUV	170.6600, -11.1714, -10.2258
Hunter-Lab	65.2356, -15.2002, 14.4683

Details

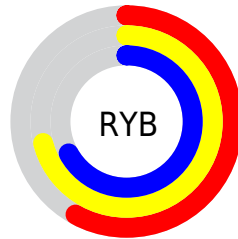
The XYZ color **36.1672, 42.5568, 34.3250** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5097, 33.0632, 48.2286**, and the grayscale version is **38.5942, 40.6041, 44.2179**.

A 20% lighter version of the original color is **68.6764, 79.1288, 67.5309**, and **15.9402, 19.4272, 14.2189** is the 20% darker color. If you saturate the color by 10%, you get **32.5679, 40.8553, 27.2536**, and if you desaturate by 10%, it is **40.2265, 44.4720, 42.5892**.

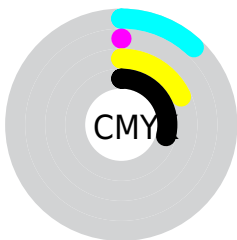
Distribution



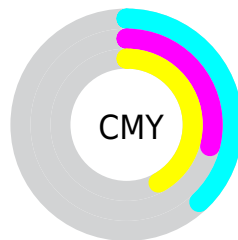
- Red (62%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1672, 42.5568, 34.3250 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 36.1672, 42.5568, 34.3250 by changing the saturation by 10% instead.

■ 36.1672, 42.5568,
34.3250

■ 36.1672, 42.5568,
34.3250

321.1093,
356.7859, 336.3921

■ 24.7341, 29.5375,
22.8640

■ 68.6122, 79.0416,
67.5784

■ 16.0067, 19.4878,
14.2888

■ 90.3549, 103.2760,
90.2079

■ 9.6198, 12.0233,
8.1807

116.2647,
132.0175, 117.3973

■ 5.2079, 6.7595,
4.1214

146.7070,
165.6505, 149.5652

■ 2.4058, 3.3122,
1.6922

182.0473,
204.5595, 187.1301

■ 0.8480, 1.2968,
0.3554

222.6509,

■ 0.0000, 0.1387,

249.1288, 230.5105

0.0000

268.8831,
299.7428, 280.1250

■ 0.0000, 0.0000,
0.0000

■ 36.1672, 42.5568,
34.3250

■ 36.1672, 42.5568,
34.3250

■ 32.5679, 40.8553,
27.2536

■ 40.2265, 44.4720,
42.5892

■ 29.4082, 39.3546,
21.3173

■ 44.7586, 46.6027,
52.0948

■ 26.6710, 38.0482,
16.4576

■ 49.7798, 48.9575,
62.8913

■ 24.3368, 36.9277,
12.6098

■ 55.3048, 51.5428,
75.0243

■ 22.3844, 35.9835,
9.7023

■ 61.3474, 54.3651,
88.5375

■ 20.7902, 35.2053,
7.6538

■ 67.6617, 57.3264,
102.1067

■ 19.5275, 34.5815,
6.3698

■ 71.7015, 59.4090,
102.2957

■ 18.5576, 34.0955,
5.6948

■ 75.8147, 61.5295,
102.4882

■ 18.4079, 34.0203,
5.5964

Harmonies

Analogous

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



38.9312, 42.5568, 30.7037



36.1672, 42.5568, 34.3250



34.5988, 42.5568, 41.4242

Triad

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



36.1672, 42.5568, 34.3250



38.6950, 42.5568, 66.3026



46.9958, 42.5568, 42.0727

Complementary

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



36.1672, 42.5568, 34.3250



35.5097, 33.0632, 48.2286

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.



46.9240, 42.5568, 51.6239



36.1672, 42.5568, 34.3250



42.0057, 42.5568, 66.5394

Square

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



36.1672, 42.5568, 34.3250



36.0025, 42.5568, 60.2598



45.0560, 42.5568, 60.8681



45.2472, 42.5568, 34.7433

Rectangle

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



36.1672, 42.5568, 34.3250



34.3853, 42.5568, 47.5893



45.0560, 42.5568, 60.8681



47.1866, 42.5568, 45.1071

Sweetspot

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



36.1683, 42.5586, 34.3259



74.5047, 80.8036, 81.3900



38.7778, 40.7131, 33.8322



15.9847, 17.4088, 17.3445



86.6293, 91.1408, 99.2523



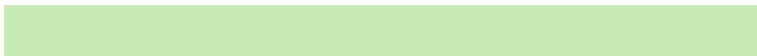
17.0014, 17.8868, 19.4787

Same Dimension

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



36.1683, 42.5586, 34.3259



62.0099, 74.9117, 55.9843



34.5291, 41.6620, 36.5765



8.6470, 9.6231, 9.0542



12.7560, 23.4861, 3.8609



0.4648, 0.7717, 0.1245

Inverse Universe

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



35.5097, 33.0632, 48.2286



60.6026, 54.6500, 85.6490



37.4346, 34.1195, 45.4301



8.5694, 8.5020, 10.6957



11.2302, 5.1252, 30.5344



0.4121, 0.1915, 0.9635

Previews

White Background



This preview shows how the XYZ color 36.1672, 42.5568, 34.3250 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 36.1672, 42.5568, 34.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

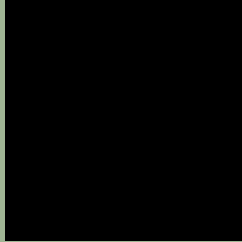
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1672, 42.5568, 34.3250

Background



This preview shows how black text looks on a background with the XYZ color 36.1672, 42.5568, 34.3250.



This preview shows how white text looks on a background with the XYZ color 36.1672, 42.5568,

34.3250.

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

36.1672, 42.5568, 34.3250

Protanopia

39.9373, 42.4761, 32.4793

Deuteranopia

43.1417, 42.3817, 35.1848



Tritanopia

40.0323, 42.3334, 54.2053

Trichromacy



Original Color

36.1672, 42.5568, 34.3250

Protanomaly

38.5122, 42.6026, 32.9814

Deuteranomaly

40.2158, 42.2795, 34.8953

Tritanomaly

38.4664, 42.2868, 46.1792

Monochromacy



Original Color

36.1672, 42.5568, 34.3250

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.8772, 41.5198, 40.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1672, 42.5568, 34.3250 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(159, 181, 148)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 148)  
}
```

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(159, 181, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.1672, 42.5568, 34.3250 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(159, 181, 148) }
```


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

```
.border{ border-color:rgb(159, 181, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 148);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1672, 42.5568, 34.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 148) }
```

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

```
.background{ background-color: rgb(159,  
181, 148) }
```

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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