

Converting Colors

XYZ(34.1623, 35.4829, 36.4146)

Have a look what the booklet for
XYZ(34.1623, 35.4829, 36.4146)
contains.

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Color

**XYZ(34.2974, 35.6489,
36.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A09C
RGB	166, 160, 156
RGB Percent	65%, 63%, 61%
CMY	0.3490, 0.3725, 0.3882
CMYK	0.00, 0.04, 0.06, 0.35
HSL	24°, 5%, 63%
HSV	24°, 6%, 65%
XYZ	34.2974, 35.6489, 36.5257
YIQ	161.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

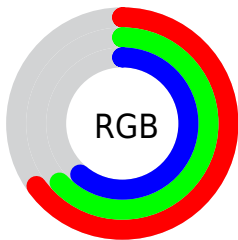
Format	Color
RYB	166, 163, 156
Decimal	10920092
CIELab	66.25, 1.44, 2.85
CIELCh	66, 3.188, 63.177
Yxy	35.6489, 0.3221, 0.3348
Android (android.graphics.Color)	4289110172 (0xFFA6A09C)
YUV	161.3380, -2.6316, 4.0886
Hunter-Lab	59.7067, -1.9507, 5.5239

Details

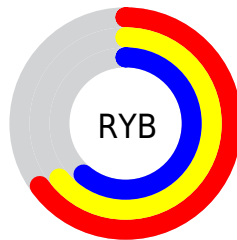
The XYZ color **34.2974, 35.6489, 36.5257** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5134, 35.6610, 41.1936**, and the grayscale version is **34.0446, 35.8176, 39.0053**.

A 20% lighter version of the original color is **65.7521, 68.6262, 70.7534**, and **14.9579, 15.5346, 15.5747** is the 20% darker color. If you saturate the color by 10%, you get **31.3298, 31.8114, 29.0689**, and if you desaturate by 10%, it is **37.5973, 39.8428, 45.0419**.

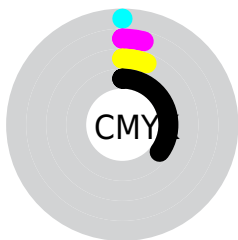
Distribution



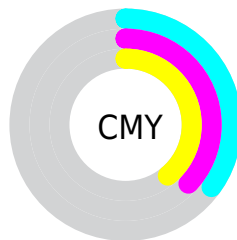
- Red (65%)
- Green (63%)
- Blue (61%)



- Red (65%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (35%)





- Cyan (35%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2974, 35.6489, 36.5257 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 34.2974, 35.6489, 36.5257 by changing the saturation by 10% instead.


 34.2974, 35.6489,
36.5257


 34.2974, 35.6489,
36.5257


313.0187,
327.4233, 346.3591

 23.2861, 24.1632,
24.5476


 65.7371, 68.4898,
71.0209

 14.9268, 15.4547,
15.5244


 86.8963, 90.6138,
94.3750

 8.8540, 9.1391,
9.0375

112.1688,
117.0526, 122.3582

 4.7024, 4.8320,
4.6685

141.9199,
148.1906, 155.3890

 2.1067, 2.1491,
1.9988

176.5152,
184.4124, 193.8859

 0.6928, 0.6920,
0.5545

216.3198,

 0.0000, 0.0000,

226.1021, 238.2676

0.0000

261.6992,
273.6443, 288.9525

■ 34.2974, 35.6489,
36.5257

■ 34.2974, 35.6489,
36.5257

■ 31.3298, 31.8114,
29.0689

■ 37.5973, 39.8428,
45.0419

■ 28.6807, 28.3160,
22.6275

■ 41.2370, 44.3975,
54.6549

■ 26.3393, 25.1544,
17.1576

■ 45.2274, 49.3235,
65.4027

■ 24.2933, 22.3161,
12.6110

■ 49.5780, 54.6291,
77.3210

■ 22.5295, 19.7898,
8.9358

■ 54.2979, 60.3225,
90.4441

■ 21.0334, 17.5639,
6.0746

■ 59.2990, 66.3730,
104.2936

■ 19.7890, 15.6256,
3.9628

■ 61.9858, 71.7466,
105.1892

■ 18.7783, 13.9609,
2.5262

■ 64.8307, 77.4364,
106.1375

■ 17.9782, 12.5536,
1.6651

■ 67.8363, 83.4476,
107.1394

Harmonies

Analogous

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



34.6541, 35.6489, 37.4004



34.2974, 35.6489, 36.5257



33.8326, 35.6489, 36.2597

Triad

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



34.2974, 35.6489, 36.5257



32.9786, 35.6489, 38.9609



34.3859, 35.6489, 41.0484

Complementary

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



34.2974, 35.6489, 36.5257



33.5134, 35.6610, 41.1936

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.



33.9339, 35.6489, 41.4889



34.2974, 35.6489, 36.5257



33.1238, 35.6489, 40.2660

Square

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



34.2974, 35.6489, 36.5257



33.0739, 35.6489, 37.6461



33.4724, 35.6489, 41.1992



34.7056, 35.6489, 40.0090

Rectangle

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



34.2974, 35.6489, 36.5257



33.5247, 35.6489, 36.4581



33.4724, 35.6489, 41.1992



34.2443, 35.6489, 41.2725

Sweetspot

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



34.2984, 35.6505, 36.5265



64.5618, 67.6572, 72.2186



34.1363, 34.4930, 39.0415



14.4629, 15.1597, 16.2001



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.2984, 35.6505, 36.5265



61.6227, 63.8997, 64.7012



35.1821, 37.4179, 36.8210



7.9009, 8.1874, 8.2627



13.7693, 9.4359, 1.0956



0.3853, 0.3302, 0.0434

Inverse Universe

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



33.5134, 35.6610, 41.1936



59.9487, 63.9222, 74.6539



32.6507, 33.9355, 40.9061



7.6769, 8.1904, 9.5946



8.8842, 9.2286, 29.2885



0.2642, 0.3206, 0.7286

Previews

White Background



This preview shows how the XYZ color 34.2974, 35.6489, 36.5257 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 34.2974, 35.6489, 36.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

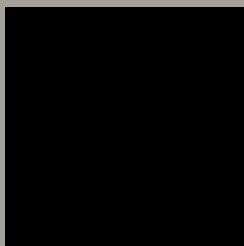
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

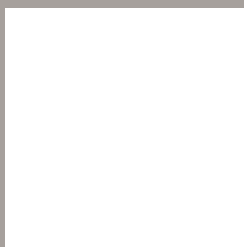
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2974, 35.6489, 36.5257

Background



This preview shows how black text looks on a background with the XYZ color 34.2974, 35.6489, 36.5257.



This preview shows how white text looks on a background with the XYZ color 34.2974, 35.6489,

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

34.2974, 35.6489, 36.5257

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.3344, 35.6762, 36.8695



Tritanopia

35.6310, 35.6808, 43.0393

Trichromacy



Original Color

34.2974, 35.6489, 36.5257

Protanomaly

34.0886, 35.5412, 36.5160

Deuteranomaly

35.5983, 35.5469, 36.8833

Tritanomaly

35.1260, 35.7284, 40.6422

Monochromacy



Original Color

34.2974, 35.6489, 36.5257

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1071, 35.7795, 37.9094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2974, 35.6489, 36.5257 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(166, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 160, 156)  
}
```

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(166, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.2974, 35.6489, 36.5257 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(166, 160, 156) }
```


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

```
.border{ border-color:rgb(166, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 160, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 160, 156); box-shadow:4px 4px 4px 4px rgb(166, 160, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2974, 35.6489, 36.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 160, 156) }
```

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

```
.background{ background-color: rgb(166,  
160, 156) }
```

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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