

Converting Colors

XYZ(34.1795, 36.1219, 41.1276)

Have a look what the booklet for
XYZ(34.1795, 36.1219, 41.1276)
contains.

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Color

**XYZ(34.1013, 35.9648,
41.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2A6
RGB	159, 162, 166
RGB Percent	62%, 64%, 65%
CMY	0.3765, 0.3647, 0.3490
CMYK	0.04, 0.02, 0.00, 0.35
HSL	214°, 4%, 64%
HSV	214°, 4%, 65%
XYZ	34.1013, 35.9648, 41.2210
YIQ	161.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

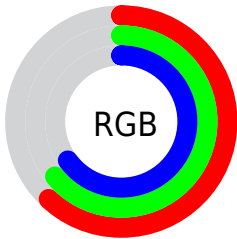
Format	Color
RYB	159, 161, 166
Decimal	10461862
CIELab	66.49, -0.29, -2.45
CIELCh	66, 2.470, 263.371
Yxy	35.9648, 0.3064, 0.3232
Android (android.graphics.Color)	4288651942 (0xFF9FA2A6)
YUV	161.5590, 2.1894, -2.2442
Hunter-Lab	59.9707, -3.4477, 1.2263

Details

The XYZ color **34.1013, 35.9648, 41.2210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0810, 36.8040, 38.0562**, and the grayscale version is **34.1285, 35.9059, 39.1015**.

A 20% lighter version of the original color is **65.5956, 69.1423, 78.2952**, and **14.7975, 15.5549, 18.1421** is the 20% darker color. If you saturate the color by 10%, you get **29.4210, 31.1670, 40.5422**, and if you desaturate by 10%, it is **39.3517, 41.2453, 41.9641**.

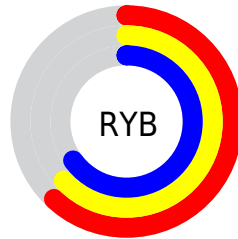
Distribution



Red (62%)

Green (64%)

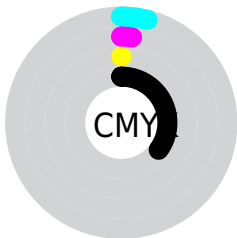
Blue (65%)



Red (62%)

Yellow (63%)

Blue (65%)

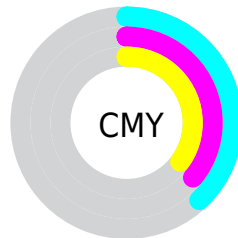


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1013, 35.9648, 41.2210 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 34.1013, 35.9648, 41.2210 by changing the saturation by 10% instead.

■ 34.1013, 35.9648,
41.2210

■ 34.1013, 35.9648,
41.2210

312.1615,
328.8067, 366.9474

■ 23.1347, 24.4070,
28.1708

■ 65.4344, 68.9777,
78.2766

■ 14.8142, 15.6358,
18.2143

■ 86.5316, 91.2017,
103.1190

■ 8.7746, 9.2668,
10.9329

111.7364,
117.7498, 132.7294

■ 4.6504, 4.9156,
5.9081

141.4141,
149.0064, 167.5260

■ 2.0763, 2.1978,
2.7214

175.9302,
185.3561, 207.9276

■ 0.6763, 0.7188,
0.9542

215.6498,

■ 0.0000, 0.0000,

227.1831, 254.3527

0.0000

260.9385,
274.8718, 307.2198

■ 34.1013, 35.9648,
41.2210

■ 34.1013, 35.9648,
41.2210

■ 29.4210, 31.1670,
40.5422

■ 39.3517, 41.2453,
41.9641

■ 25.2874, 26.8328,
39.9234

■ 45.1881, 47.0178,
42.7707

■ 21.6800, 22.9484,
39.3638

■ 51.6301, 53.2971,
43.6431

■ 18.5759, 19.4976,
38.8613

■ 58.6949, 60.0958,
44.5831

■ 15.9501, 16.4629,
38.4140

■ 66.3993, 67.4263,
45.5919

■ 13.7757, 13.8257,
38.0195

■ 73.4218, 74.6108,
46.6086

■ 12.0224, 11.5655,
37.6757

■ 75.9636, 79.6944,
47.4558

■ 10.6561, 9.6593,
37.3798

■ 78.6485, 85.0641,
48.3508

■ 9.6360, 8.0808,
37.1289

■ 81.4786, 90.7244,
49.2941

Harmonies

Analogous

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



33.7602, 35.9648, 40.8195



34.1013, 35.9648, 41.2210



34.4668, 35.9648, 41.0621

Triad

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



34.1013, 35.9648, 41.2210



34.8415, 35.9648, 38.3559



33.6150, 35.9648, 37.9550

Complementary

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



34.1013, 35.9648, 41.2210



35.0810, 36.8040, 38.0562

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.



33.9017, 35.9648, 37.3167



34.1013, 35.9648, 41.2210



34.6102, 35.9648, 37.5452

Square

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



34.1013, 35.9648, 41.2210



34.8959, 35.9648, 39.3955



34.2658, 35.9648, 37.1680



33.4808, 35.9648, 38.9245

Rectangle

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



34.1013, 35.9648, 41.2210



34.6749, 35.9648, 40.6612



34.2658, 35.9648, 37.1680



33.6967, 35.9648, 37.6953

Sweetspot

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



34.1023, 35.9663, 41.2218



64.8249, 68.2429, 75.2308



34.5426, 37.2871, 40.0117



14.5185, 15.2835, 16.8369



80.6108, 84.8088, 92.3568



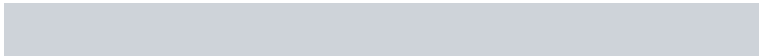
14.7206, 15.4872, 16.8656

Same Dimension

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



34.1023, 35.9663, 41.2218



61.1068, 64.4772, 74.7000



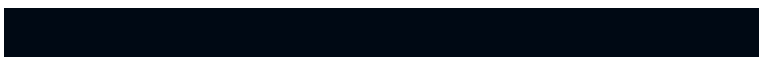
33.6723, 34.9686, 41.0519



7.8013, 8.2337, 9.5964



7.1400, 5.7402, 28.7071



0.2249, 0.2419, 0.7155

Inverse Universe

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



34.6464, 35.5125, 39.2129



62.2943, 63.4951, 70.3130



35.5230, 37.8329, 38.2315



7.9681, 8.0964, 8.9800



13.1045, 6.6505, 5.3620



0.3446, 0.1721, 0.2664

Previews

White Background



This preview shows how the XYZ color 34.1013, 35.9648, 41.2210 looks on a white background.

Color Contrast Check

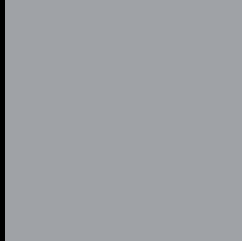
Large Text (above 18pt) WCAG AA × Fail

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 34.1013, 35.9648, 41.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

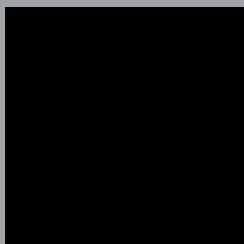
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1013, 35.9648, 41.2210

Background



This preview shows how black text looks on a background with the XYZ color 34.1013, 35.9648, 41.2210.



This preview shows how white text looks on a background with the XYZ color 34.1013, 35.9648,

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

34.1013, 35.9648, 41.2210

Protanopia

34.6407, 35.9929, 40.7189

Deuteranopia

36.7112, 36.0179, 41.5765



Tritanopia

34.8821, 36.0193, 45.1583

Trichromacy



Original Color

34.1013, 35.9648, 41.2210

Protanomaly

34.4367, 35.8877, 40.7093

Deuteranomaly

35.7354, 36.0213, 41.6286

Tritanomaly

34.5928, 35.9036, 43.6349

Monochromacy



Original Color

34.1013, 35.9648, 41.2210

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2291, 36.0621, 39.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1013, 35.9648, 41.2210 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, 162, 166) looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 166)  
}
```

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, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.1013, 35.9648, 41.2210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

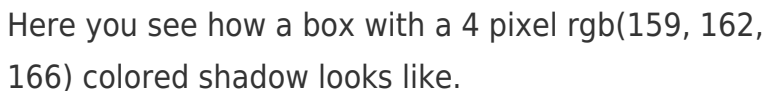
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 162, 166) }
```


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

```
.border{ border-color:rgb(159, 162, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1013, 35.9648, 41.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 166) }
```

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

```
.background{ background-color: rgb(159,  
162, 166) }
```

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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