

Converting Colors

XYZ(36.2681, 41.1140, 42.0098)

Have a look what the booklet for
XYZ(36.2681, 41.1140, 42.0098)
contains.

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Color

**XYZ(36.3154, 41.2654,
42.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB1A6
RGB	156, 177, 166
RGB Percent	61%, 69%, 65%
CMY	0.3882, 0.3059, 0.3490
CMYK	0.12, 0.00, 0.06, 0.31
HSL	149°, 12%, 65%
HSV	149°, 12%, 69%
XYZ	36.3154, 41.2654, 42.1274
YIQ	169.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

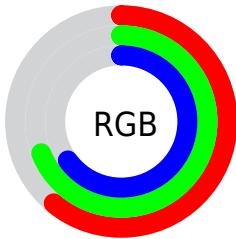
Format	Color
RYB	156, 170, 177
Decimal	10269094
CIELab	70.36, -9.43, 3.16
CIELCh	70, 9.947, 161.455
Yxy	41.2654, 0.3034, 0.3447
Android (android.graphics.Color)	4288459174 (0xFF9CB1A6)
YUV	169.4670, -1.7092, -11.8106
Hunter-Lab	64.2382, -11.5063, 6.0843

Details

The XYZ color **36.3154, 41.2654, 42.1274** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9965, 35.9151, 41.5436**, and the grayscale version is **37.9558, 39.9325, 43.4864**.

A 20% lighter version of the original color is **69.0540, 77.3472, 79.6966**, and **16.0706, 18.6335, 18.6692** is the 20% darker color. If you saturate the color by 10%, you get **32.3167, 39.2999, 37.6593**, and if you desaturate by 10%, it is **40.8769, 43.5162, 46.9437**.

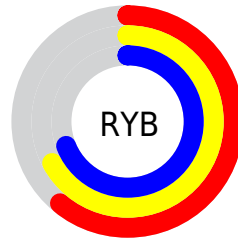
Distribution



Red (61%)

Green (69%)

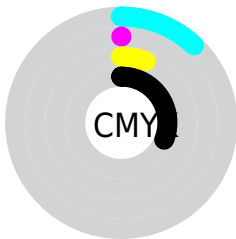
Blue (65%)



Red (61%)

Yellow (67%)

Blue (69%)

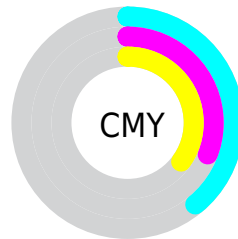


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (39%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3154, 41.2654, 42.1274 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 36.3154, 41.2654, 42.1274 by changing the saturation by 10% instead.


 36.3154, 41.2654,
42.1274


 36.3154, 41.2654,
42.1274


321.7442,
351.4286, 370.8260

 24.8491, 28.5265,
28.8747

 68.8393, 77.0866,
79.6646

 16.0928, 18.7229,
18.7413


 90.6276, 100.9377,
104.7862

 9.6811, 11.4703,
11.3086


116.5873,
129.2617, 134.7012

 5.2487, 6.3841,
6.1580

147.0838,
162.4430, 169.8281

 2.4302, 3.0800,
2.8711

182.4824,
200.8659, 210.5855

 0.8602, 1.1736,
1.0292

223.1484,

 0.0000, 0.0400,

244.9149, 257.3919

0.0000

269.4472,
294.9744, 310.6659

■ 0.0000, 0.0000,
0.0000

■ 36.3154, 41.2654,
42.1274

■ 36.3154, 41.2654,
42.1274

■ 32.3167, 39.2999,
37.6593

■ 40.8769, 43.5162,
46.9437

■ 28.8545, 37.6029,
33.5290

■ 46.0192, 46.0581,
52.1131

■ 25.9057, 36.1638,
29.7293

■ 51.7638, 48.9031,
57.6437

■ 23.4439, 34.9691,
26.2518

■ 58.1299, 52.0609,
63.5425

■ 21.4403, 34.0042,
23.0877

■ 65.1358, 55.5410,
69.8164

■ 19.8628, 33.2526,
20.2278

■ 70.0992, 57.9604,
76.3457

■ 18.6752, 32.6959,
17.6623

■ 71.3741, 58.4703,
83.0590

■ 17.8342, 32.3120,
15.3808

■ 72.7183, 59.0080,
90.1377

■ 17.3340, 32.0903,
13.7249

■ 74.1330, 59.5739,
97.5873

Harmonies

Analogous

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



37.1765, 41.2654, 38.5143



36.3154, 41.2654, 42.1274



36.2199, 41.2654, 46.7432

Triad

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



36.3154, 41.2654, 42.1274



39.8493, 41.2654, 54.3471



41.6256, 41.2654, 39.2292

Complementary

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



36.3154, 41.2654, 42.1274



36.9965, 35.9151, 41.5436

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.



42.3846, 41.2654, 43.1663



36.3154, 41.2654, 42.1274



41.3402, 41.2654, 52.0236

Square

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



36.3154, 41.2654, 42.1274



38.2300, 41.2654, 54.0205



42.2787, 41.2654, 47.8563



40.2301, 41.2654, 36.9229

Rectangle

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



36.3154, 41.2654, 42.1274



36.6000, 41.2654, 49.7958



42.2787, 41.2654, 47.8563



41.9654, 41.2654, 40.3939

Sweetspot

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



36.3166, 41.2671, 42.1283



71.3185, 77.0007, 82.1170



37.7030, 42.0838, 37.5889



15.3209, 16.6207, 17.6553



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.3166, 41.2671, 42.1283



63.2490, 73.0233, 73.4914



37.3001, 41.6606, 47.3075



8.5518, 9.5552, 9.8996



12.5888, 23.2615, 10.1033



0.4256, 0.7437, 0.4735

Inverse Universe

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



36.9965, 35.9151, 41.5436



64.6867, 61.7065, 72.2548



36.0814, 35.5491, 36.7248



8.6761, 8.5772, 9.7927



14.5905, 7.3537, 8.2693



0.4883, 0.2431, 0.4142

Previews

White Background



This preview shows how the XYZ color 36.3154, 41.2654, 42.1274 looks on a white background.

Color Contrast Check

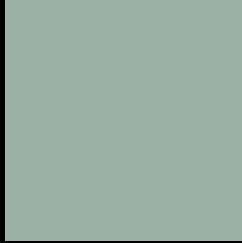
Large Text (above 18pt) WCAG AA × Fail

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 36.3154, 41.2654, 42.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

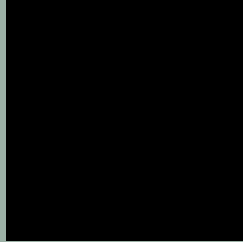
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3154, 41.2654, 42.1274

Background



This preview shows how black text looks on a background with the XYZ color 36.3154, 41.2654, 42.1274.



This preview shows how white text looks on a background with the XYZ color 36.3154, 41.2654,

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

36.3154, 41.2654, 42.1274

Protanopia

39.3052, 41.1173, 40.5152

Deuteranopia

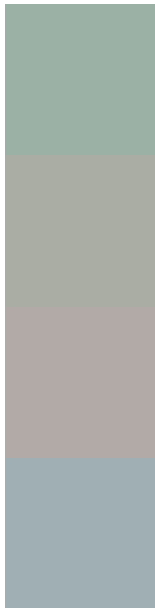
41.9393, 41.0467, 42.7582



Tritanopia

38.7104, 41.3765, 53.5232

Trichromacy



Original Color

36.3154, 41.2654, 42.1274

Protanomaly

38.0066, 41.0025, 41.0331

Deuteranomaly

39.7099, 41.0044, 42.3809

Tritanomaly

37.8663, 41.3262, 49.1610

Monochromacy



Original Color

36.3154, 41.2654, 42.1274

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.1302, 40.2247, 42.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3154, 41.2654, 42.1274 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(156, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(156, 177, 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(156, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 177, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.3154, 41.2654, 42.1274 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(156, 177, 166) }
```


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

```
.border{ border-color:rgb(156, 177, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 177, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(156, 177,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3154, 41.2654, 42.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 177, 166) }
```

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

```
.background{ background-color: rgb(156,  
177, 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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