

Converting Colors

XYZ(41.0245, 42.6080, 53.9618)

Have a look what the booklet for
XYZ(41.0245, 42.6080, 53.9618)
contains.

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Color

**XYZ(41.1159, 42.6042,
54.2005)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | ABAEBD |
| RGB | 171, 174, 189 |
| RGB Percent | 67%, 68%, 74% |
| CMY | 0.3294, 0.3176, 0.2588 |
| CMYK | 0.10, 0.08, 0.00, 0.26 |
| HSL | 230°, 12%, 71% |
| HSV | 230°, 10%, 74% |
| XYZ | 41.1159, 42.6042, 54.2005 |
| YIQ | 174.8130, -6.6030, 4.0290 |

Conversions

Conversions Part 2

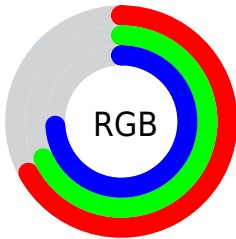
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 171, 174, 189 |
| Decimal | 11251389 |
| CIE Lab | 71.29, 1.92, -8.01 |
| CIE LCh | 71, 8.239, 283.449 |
| Yxy | 42.6042, 0.2981, 0.3089 |
| Android (android.graphics.Color) | 4289441469 (0xFFABAEBD) |
| YUV | 174.8130, 6.9942, -3.3440 |
| Hunter-Lab | 65.2719, -1.7856, -3.5429 |

Details

The XYZ color **41.1159, 42.6042, 54.2005** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8958, 48.8763, 45.5438**, and the grayscale version is **40.6194, 42.7347, 46.5381**.

A 20% lighter version of the original color is **75.8648, 78.7999, 97.5976**, and **19.0112, 19.6186, 26.0773** is the 20% darker color. If you saturate the color by 10%, you get **34.4241, 34.9010, 53.0670**, and if you desaturate by 10%, it is **48.7556, 51.3278, 55.4823**.

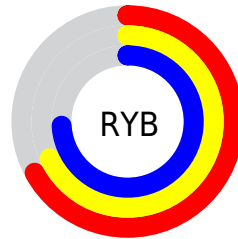
Distribution



Red (67%)

Green (68%)

Blue (74%)



Red (67%)

Yellow (68%)

Blue (74%)

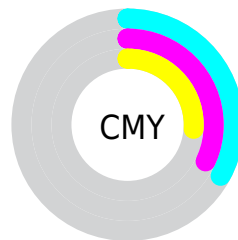


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1159, 42.6042, 54.2005 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 41.1159, 42.6042, 54.2005 by changing the saturation by 10% instead.

■ 41.1159, 42.6042,
54.2005

■ 41.1159, 42.6042,
54.2005

341.8591,
356.9815, 420.0703

■ 28.5977, 29.5747,
38.3677

■ 76.1334, 79.1132,
97.8279

■ 18.9195, 19.5160,
25.9642

99.3634, 103.3616,
126.4597

■ 11.7158, 12.0437,
16.5713

126.8948,
132.1183, 160.1948

■ 6.6213, 6.7735,
9.7706

159.0929,
165.7678, 199.4519

■ 3.2706, 3.3208,
5.1435

196.3230,
204.6944, 244.6494

■ 1.2984, 1.3014,
2.2715

238.9505,

■ 0.1820, 0.1423,

249.2827, 296.2060

0.7152

287.3407,
299.9169, 354.5401

■ 0.0000, 0.0000,
0.0000

■ 41.1159, 42.6042,
54.2005

■ 41.1159, 42.6042,
54.2005

■ 34.4241, 34.9010,
53.0670

■ 48.7556, 51.3278,
55.4823

■ 28.6392, 28.1754,
52.0737

■ 57.3744, 61.1018,
56.9146

■ 23.7230, 22.3896,
51.2161

■ 67.0068, 71.9616,
58.5031

■ 19.6328, 17.5012,
50.4881

■ 77.6846, 83.9395,
60.2523

■ 16.3224, 13.4644,
49.8834

■ 85.4682, 95.0197,
61.9807

■ 13.7411, 10.2296,
49.3950

■ 86.1854, 96.4542,
62.2198

■ 11.8317, 7.7413,
49.0154

■ 10.5280, 5.9371,
48.7359

■ 9.7209, 4.7283,
48.5451

Harmonies

Analogous

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



39.7409, 42.6042, 54.0821



41.1159, 42.6042, 54.2005



42.3513, 42.6042, 52.1429

Triad

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



41.1159, 42.6042, 54.2005



42.4563, 42.6042, 41.3438



37.9970, 42.6042, 44.2519

Complementary

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



41.1159, 42.6042, 54.2005



45.8958, 48.8763, 45.5438

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.



38.6919, 42.6042, 41.0743



41.1159, 42.6042, 54.2005



41.2566, 42.6042, 39.4619

Square

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



41.1159, 42.6042, 54.2005



43.1369, 42.6042, 44.6392



39.8784, 42.6042, 39.3661



37.9613, 42.6042, 48.1834

Rectangle

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



41.1159, 42.6042, 54.2005



42.9207, 42.6042, 49.8785



39.8784, 42.6042, 39.3661



38.1605, 42.6042, 43.0656

Sweetspot

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



41.1172, 42.6060, 54.2014



82.3017, 86.2100, 98.5286



43.8239, 48.5862, 53.3563



17.4580, 18.2646, 21.1478



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.



41.1172, 42.6060, 54.2014



71.5443, 73.9025, 96.7200



41.8120, 42.1125, 54.0696



9.1417, 9.4757, 12.0194



6.5580, 3.2277, 32.6703



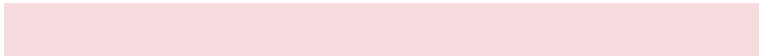
0.2975, 0.2077, 1.2933

Inverse Universe

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



43.1901, 43.0014, 46.0703



75.8584, 74.7465, 79.7931



45.1488, 49.4403, 45.6920



9.5934, 9.5617, 10.2477



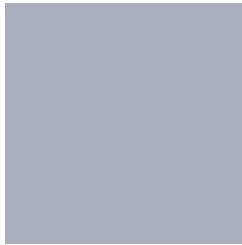
14.3109, 7.3555, 1.6650



0.5811, 0.2963, 0.1732

Previews

White Background



This preview shows how the XYZ color 41.1159, 42.6042, 54.2005 looks on a white background.

Color Contrast Check

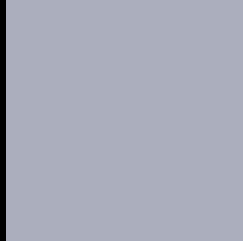
Large Text (above 18pt) WCAG AA × Fail

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 41.1159, 42.6042, 54.2005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

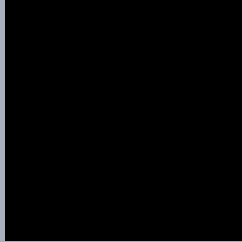
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1159, 42.6042, 54.2005

Background



This preview shows how black text looks on a background with the XYZ color 41.1159, 42.6042, 54.2005.

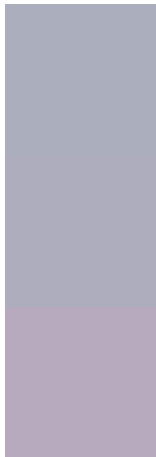


This preview shows how white text looks on a background with the XYZ color 41.1159, 42.6042,

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

41.1159, 42.6042, 54.2005

Protanopia

41.3625, 42.4455, 54.1569

Deuteranopia

43.4362, 42.6575, 54.6596



Tritanopia

41.0077, 42.5609, 53.6307

Trichromacy



Original Color

41.1159, 42.6042, 54.2005

Protanomaly

41.1421, 42.3319, 54.1466

Deuteranomaly

42.4476, 42.4272, 54.6672

Tritanomaly

41.0077, 42.5609, 53.6307

Monochromacy



Original Color

41.1159, 42.6042, 54.2005

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.0237, 42.9539, 49.3088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1159, 42.6042, 54.2005 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(171, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 174, 189)  
}
```

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(171, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.1159, 42.6042, 54.2005 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(171, 174, 189) }
```


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

```
.border{ border-color:rgb(171, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1159, 42.6042, 54.2005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 174, 189) }
```

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

```
.background{ background-color: rgb(171,  
174, 189) }
```

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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