

Converting Colors

XYZ(40.6431, 43.5526, 54.5016)

Have a look what the booklet for
XYZ(40.6431, 43.5526, 54.5016)
contains.

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Color

**XYZ(40.6228, 43.5142,
54.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B2BD
RGB	165, 178, 189
RGB Percent	65%, 70%, 74%
CMY	0.3529, 0.3019, 0.2588
CMYK	0.13, 0.06, 0.00, 0.26
HSL	207°, 15%, 69%
HSV	207°, 13%, 74%
XYZ	40.6228, 43.5142, 54.4022
YIQ	175.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

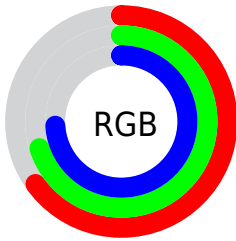
Format	Color
R _Y B	165, 173, 189
Decimal	10859197
CIE Lab	71.90, -2.26, -7.15
CIE LCh	72, 7.495, 252.439
Yxy	43.5142, 0.2932, 0.3141
Android (android.graphics.Color)	4289049277 (0xFFA5B2BD)
YUV	175.3670, 6.7211, -9.0919
Hunter-Lab	65.9653, -5.5153, -2.7213

Details

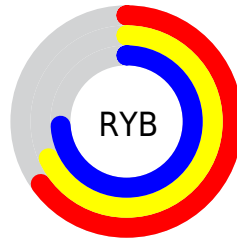
The XYZ color **40.6228, 43.5142, 54.4022** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.3036, 44.5862, 41.9220**, and the grayscale version is **40.9091, 43.0396, 46.8701**.

A 20% lighter version of the original color is **75.4194, 80.6539, 97.9789**, and **18.5876, 19.9555, 26.1647** is the 20% darker color. If you saturate the color by 10%, you get **35.3095, 38.2982, 53.6761**, and if you desaturate by 10%, it is **46.6285, 49.2510, 55.1937**.

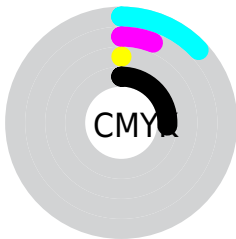
Distribution



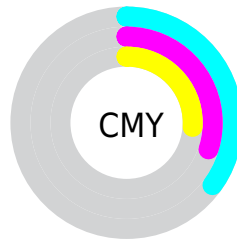
- Red (65%)
- Green (70%)
- Blue (74%)



- Red (65%)
- Yellow (68%)
- Blue (74%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6228, 43.5142, 54.4022 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 40.6228, 43.5142, 54.4022 by changing the saturation by 10% instead.

■ 40.6228, 43.5142,
54.4022

■ 40.6228, 43.5142,
54.4022

339.8312,
360.7222, 420.8598

■ 28.2108, 30.2888,
38.5279

■ 75.3893, 80.4862,
98.1269

■ 18.6259, 20.0579,
26.0877

■ 98.4745, 105.0016,
126.8144

■ 11.5027, 12.4371,
16.6629

125.8482,
134.0491, 160.6101

■ 6.4758, 7.0421,
9.8350

157.8758,
168.0131, 199.9324

■ 3.1799, 3.4885,
5.1855

194.9225,
207.2781, 245.2000

■ 1.2496, 1.3917,
2.2959

237.3537,

■ 0.1450, 0.2106,

252.2283, 296.8314

0.7289

285.5348,
303.2482, 355.2452

■ 0.0000, 0.0000,
0.0000

■ 40.6228, 43.5142,
54.4022

■ 40.6228, 43.5142,
54.4022

■ 35.3095, 38.2982,
53.6761

■ 46.6285, 49.2510,
55.1937

■ 30.6573, 33.5804,
53.0107

■ 53.3484, 55.5193,
56.0494

■ 26.6382, 29.3445,
52.4049

■ 60.8083, 62.3362,
56.9720

■ 23.2205, 25.5711,
51.8567

■ 69.0313, 69.7165,
57.9631

■ 20.3696, 22.2391,
51.3638

■ 76.3634, 76.8101,
58.9459

■ 18.0469, 19.3252,
50.9238

■ 78.7137, 81.5108,
59.7293

■ 16.2084, 16.8032,
50.5339

■ 81.1838, 86.4509,
60.5527

■ 14.8019, 14.6428,
50.1911

■ 83.7754, 91.6340,
61.4166

■ 13.9754, 13.2541,
49.9666

■ 86.1854, 96.4542,
62.2199

Harmonies

Analogous

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



39.5739, 43.5142, 52.2830



40.6228, 43.5142, 54.4022



41.8899, 43.5142, 54.5807

Triad

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



40.6228, 43.5142, 54.4022



43.8023, 43.5142, 45.8815



39.7247, 43.5142, 42.3790

Complementary

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



40.6228, 43.5142, 54.4022



43.3036, 44.5862, 41.9220

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.



40.8325, 43.5142, 40.8414



40.6228, 43.5142, 54.4022



43.1969, 43.5142, 42.7927

Square

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



40.6228, 43.5142, 54.4022



43.7434, 43.5142, 49.5323



42.1039, 43.5142, 40.9889



39.0628, 43.5142, 45.2902

Rectangle

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



40.6228, 43.5142, 54.4022



42.6895, 43.5142, 53.5631



42.1039, 43.5142, 40.9889



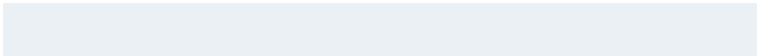
40.0563, 43.5142, 41.6913

Sweetspot

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



40.6241, 43.5160, 54.4032



81.9668, 86.7484, 98.6502



41.5322, 47.5221, 47.9552



17.4454, 18.4832, 21.1907



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.



40.6241, 43.5160, 54.4032



70.2218, 75.4739, 97.0930



38.3759, 39.0197, 53.6538



9.4331, 10.0586, 12.1165



9.4802, 9.0721, 33.6443



0.4360, 0.4848, 1.3394

Inverse Universe

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



42.4784, 40.9445, 47.7857



74.1617, 70.1272, 83.0064



45.7191, 49.4173, 42.7272



9.7405, 9.6205, 11.0223



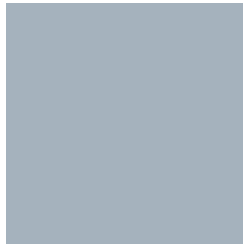
15.7859, 7.9455, 9.4322



0.6510, 0.3243, 0.5414

Previews

White Background



This preview shows how the XYZ color 40.6228, 43.5142, 54.4022 looks on a white background.

Color Contrast Check

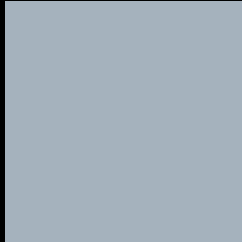
Large Text (above 18pt) WCAG AA × Fail

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 40.6228, 43.5142, 54.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

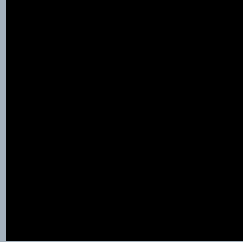
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

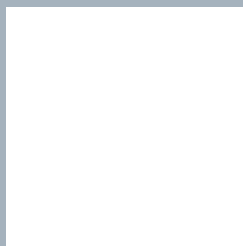
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6228, 43.5142, 54.4022

Background



This preview shows how black text looks on a background with the XYZ color 40.6228, 43.5142, 54.4022.



This preview shows how white text looks on a background with the XYZ color 40.6228, 43.5142,

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

40.6228, 43.5142, 54.4022

Protanopia

42.2041, 43.4779, 53.1814

Deuteranopia

44.3507, 43.4083, 54.7563



Tritanopia

40.9519, 43.6459, 56.1353

Trichromacy



Original Color

40.6228, 43.5142, 54.4022

Protanomaly

41.6157, 43.4522, 53.7707

Deuteranomaly

43.0207, 43.5735, 54.8583

Tritanomaly

40.8414, 43.6017, 55.5536

Monochromacy



Original Color

40.6228, 43.5142, 54.4022

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5581, 43.0039, 49.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6228, 43.5142, 54.4022 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(165, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 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(165, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 40.6228, 43.5142, 54.4022 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(165, 178, 189) }
```


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

```
.border{ border-color:rgb(165, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6228, 43.5142, 54.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 189) }
```

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

```
.background{ background-color: rgb(165,  
178, 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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