

Converting Colors

XYZ(40.4985, 44.2385, 55.6452)

Have a look what the booklet for
XYZ(40.4985, 44.2385, 55.6452)
contains.

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Color

**XYZ(40.6258, 44.3864,
55.7164)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B5BF
RGB	161, 181, 191
RGB Percent	63%, 71%, 75%
CMY	0.3686, 0.2902, 0.2510
CMYK	0.16, 0.05, 0.00, 0.25
HSL	200°, 19%, 69%
HSV	200°, 16%, 75%
XYZ	40.6258, 44.3864, 55.7164
YIQ	176.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

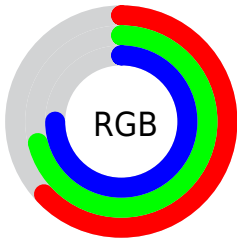
Format	Color
R_{YB}	161, 173, 191
Decimal	10597823
CIE _{Lab}	72.49, -4.77, -7.41
CIE _{LCh}	72, 8.809, 237.238
Yxy	44.3864, 0.2887, 0.3154
Android (android.graphics.Color)	4288787903 (0xFFA1B5BF)
YUV	176.1600, 7.3161, -13.2953
Hunter-Lab	66.6231, -7.7438, -2.9476

Details

The XYZ color **40.6258, 44.3864, 55.7164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4821, 42.7754, 39.7366**, and the grayscale version is **41.3200, 43.4719, 47.3409**.

A 20% lighter version of the original color is **75.3916, 81.8827, 99.8271**, and **18.6133, 20.5245, 27.0254** is the 20% darker color. If you saturate the color by 10%, you get **35.8023, 40.0232, 55.1292**, and if you desaturate by 10%, it is **46.0990, 49.1746, 56.3529**.

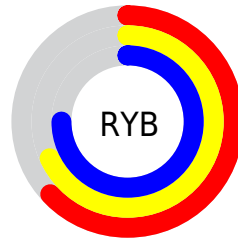
Distribution



Red (63%)

Green (71%)

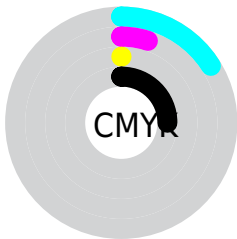
Blue (75%)



Red (63%)

Yellow (68%)

Blue (75%)

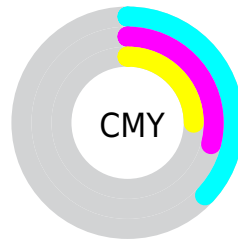


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (29%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6258, 44.3864, 55.7164 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 40.6258, 44.3864, 55.7164 by changing the saturation by 10% instead.

■ 40.6258, 44.3864,
55.7164

■ 40.6258, 44.3864,
55.7164

339.8436,
364.2827, 425.9801

■ 28.2132, 30.9744,
39.5731

■ 75.3938, 81.7989,
100.0715

■ 18.6277, 20.5794,
26.8946

■ 98.4799, 106.5681,
129.1203

■ 11.5040, 12.8169,
17.2624

125.8546,
135.8919, 163.3081

■ 6.4767, 7.3026,
10.2578

157.8832,
170.1546, 203.0534

■ 3.1804, 3.6520,
5.4624

194.9310,
209.7407, 248.7747

■ 1.2499, 1.4809,
2.4576

237.3634,

■ 0.1452, 0.2752,

255.0345, 300.8905

0.8176

285.5458,
306.4203, 359.8195

■ 0.0000, 0.0000,
0.0000

■ 40.6258, 44.3864,
55.7164

■ 40.6258, 44.3864,
55.7164

■ 35.8023, 40.0232,
55.1292

■ 46.0990, 49.1746,
56.3529

■ 31.5973, 36.0644,
54.5866

■ 52.2437, 54.3968,
57.0370

■ 27.9826, 32.4953,
54.0883

■ 59.0853, 60.0683,
57.7711

■ 24.9263, 29.2983,
53.6323

■ 66.6470, 66.2021,
58.5565

■ 22.3931, 26.4539,
53.2168

■ 74.3955, 72.5245,
59.3684

■ 20.3434, 23.9406,
52.8397

■ 76.0265, 75.7864,
59.9121

■ 18.7315, 21.7335,
52.4986

■ 77.7210, 79.1754,
60.4769

■ 17.5004, 19.8018,
52.1906

■ 79.4796, 82.6927,
61.0632

■ 17.0387, 19.0308,
52.0662

■ 81.3032, 86.3399,
61.6710

Harmonies

Analogous

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



39.6420, 44.3864, 52.2629



40.6258, 44.3864, 55.7164



42.0472, 44.3864, 57.1825

Triad

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



40.6258, 44.3864, 55.7164



45.1755, 44.3864, 48.7338



40.8642, 44.3864, 41.2616

Complementary

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



40.6258, 44.3864, 55.7164



42.4821, 42.7754, 39.7366

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.



42.3290, 44.3864, 40.4404



40.6258, 44.3864, 55.7164



44.8406, 44.3864, 44.5981

Square

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



40.6258, 44.3864, 55.7164



44.6941, 44.3864, 53.0025



43.7896, 44.3864, 41.6257



39.7773, 44.3864, 43.9391

Rectangle

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



40.6258, 44.3864, 55.7164



43.0601, 44.3864, 56.7737



43.7896, 44.3864, 41.6257



41.3276, 44.3864, 40.7666

Sweetspot

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



40.6271, 44.3882, 55.7174



83.2168, 88.6343, 101.0013



40.6327, 47.7607, 45.3567



18.1107, 19.3230, 22.1605



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.6271, 44.3882, 55.7174



69.5255, 76.6030, 99.4006



37.8301, 38.7942, 54.7851



9.5334, 10.2592, 12.1500



11.2739, 12.6595, 34.2422



0.4994, 0.6115, 1.3606

Inverse Universe

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



42.5723, 39.9033, 49.1765



73.7388, 67.1188, 85.1808



45.3734, 48.5578, 40.7003



9.7911, 9.6407, 11.2889



16.6913, 8.3077, 14.1999



0.6830, 0.3371, 0.7098

Previews

White Background



This preview shows how the XYZ color 40.6258, 44.3864, 55.7164 looks on a white background.

Color Contrast Check

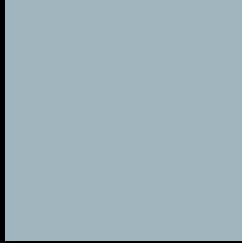
Large Text (above 18pt) WCAG AA × Fail

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 40.6258, 44.3864, 55.7164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

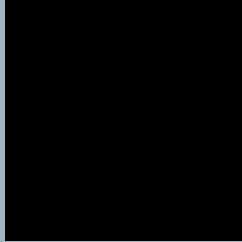
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

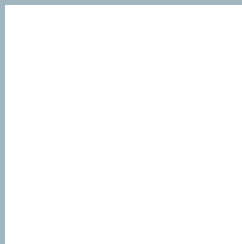
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6258, 44.3864, 55.7164

Background



This preview shows how black text looks on a background with the XYZ color 40.6258, 44.3864, 55.7164.



This preview shows how white text looks on a background with the XYZ color 40.6258, 44.3864,

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

40.6258, 44.3864, 55.7164

Protanopia

42.9625, 44.1465, 53.8337

Deuteranopia

45.3082, 44.4288, 56.6397



Tritanopia

41.0719, 44.2640, 58.0089

Trichromacy



Original Color

40.6258, 44.3864, 55.7164

Protanomaly

42.1190, 44.2856, 54.4722

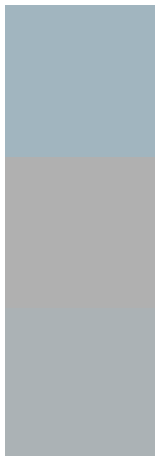
Deuteranomaly

43.3999, 44.3214, 56.1366

Tritanomaly

40.9592, 44.2189, 57.4153

Monochromacy



Original Color

40.6258, 44.3864, 55.7164

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.0555, 43.8349, 50.0132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6258, 44.3864, 55.7164 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(161, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 181, 191)  
}
```

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(161, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 181, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.6258, 44.3864, 55.7164 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(161, 181, 191) }
```


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

```
.border{ border-color:rgb(161, 181, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 181, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 181, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 181,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6258, 44.3864, 55.7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 181, 191) }
```

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

```
.background{ background-color: rgb(161,  
181, 191) }
```

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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