

Converting Colors

XYZ(43.6986, 47.2104, 55.4162)

Have a look what the booklet for
XYZ(43.6986, 47.2104, 55.4162)
contains.

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Color

**XYZ(43.6565, 47.1863,
55.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB9BE
RGB	172, 185, 190
RGB Percent	67%, 73%, 75%
CMY	0.3255, 0.2745, 0.2549
CMYK	0.09, 0.03, 0.00, 0.25
HSL	197°, 12%, 71%
HSV	197°, 9%, 75%
XYZ	43.6565, 47.1863, 55.5221
YIQ	181.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

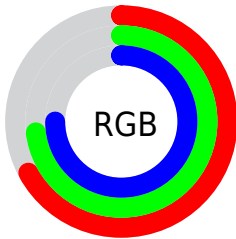
Format	Color
R_{YB}	172, 180, 190
Decimal	11319742
CIE _{Lab}	74.31, -3.48, -4.08
CIE _{LCh}	74, 5.363, 229.516
Yxy	47.1863, 0.2983, 0.3224
Android (android.graphics.Color)	4289509822 (0xFFACB9BE)
YUV	181.6830, 4.1003, -8.4920
Hunter-Lab	68.6923, -6.7681, 0.1621

Details

The XYZ color **43.6565, 47.1863, 55.5221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4040, 45.3697, 45.4475**, and the grayscale version is **44.2742, 46.5800, 50.7256**.

A 20% lighter version of the original color is **79.7684, 85.8953, 99.5640**, and **20.5123, 22.3017, 26.8905** is the 20% darker color. If you saturate the color by 10%, you get **38.6982, 43.0236, 54.9807**, and if you desaturate by 10%, it is **49.2547, 51.7423, 56.1072**.

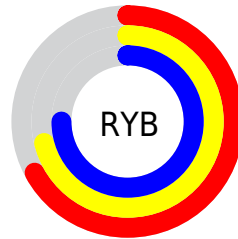
Distribution



Red (67%)

Green (73%)

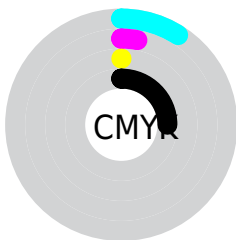
Blue (75%)



Red (67%)

Yellow (71%)

Blue (75%)

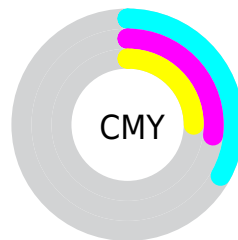


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6565, 47.1863, 55.5221 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 43.6565, 47.1863, 55.5221 by changing the saturation by 10% instead.

■ 43.6565, 47.1863,
55.5221

■ 43.6565, 47.1863,
55.5221

352.1806,
375.5577, 425.2256

■ 30.5973, 33.1830,
39.4185

■ 79.9502, 85.9916,
99.7843

■ 20.4427, 22.2666,
26.7751

103.9153,
111.5624, 128.7800

■ 12.8274, 14.0530,
17.1734

132.2466,
141.7578, 162.9100

■ 7.3860, 8.1575,
10.1950

165.3092,
176.9622, 202.5931

■ 3.7531, 4.1959,
5.4211

203.4685,
217.5600, 248.2476

■ 1.5634, 1.7837,
2.4334

247.0900,

■ 0.3684, 0.4770,

263.9356, 300.2922

0.8045

296.5389,
316.4733, 359.1453

■ 0.0000, 0.0000,
0.0000

■ 43.6565, 47.1863,
55.5221

■ 43.6565, 47.1863,
55.5221

■ 38.6982, 43.0236,
54.9807

■ 49.2547, 51.7423,
56.1072

■ 34.3502, 39.2342,
54.4784

■ 55.5127, 56.6986,
56.7340

■ 30.5862, 35.8055,
54.0150

■ 62.4549, 62.0696,
57.4048

■ 27.3768, 32.7215,
53.5889

■ 70.1028, 67.8671,
58.1208

■ 24.6897, 29.9648,
53.1984

■ 73.9228, 71.7545,
58.6698

■ 22.4888, 27.5162,
52.8418

■ 75.2579, 74.4249,
59.1148

■ 20.7336, 25.3541,
52.5170

■ 76.6366, 77.1821,
59.5744

■ 19.3762, 23.4531,
52.2216

■ 78.0590, 80.0270,
60.0485

■ 18.3282, 21.7668,
51.9513

■ 79.5257, 82.9603,
60.5374

Harmonies

Analogous

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



43.1247, 47.1863, 53.1718



43.6565, 47.1863, 55.5221



44.5127, 47.1863, 56.7765

Triad

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



43.6565, 47.1863, 55.5221



46.6966, 47.1863, 52.3498



44.2328, 47.1863, 46.5351

Complementary

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



43.6565, 47.1863, 55.5221



44.4040, 45.3697, 45.4475

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.



45.1873, 47.1863, 46.3328



43.6565, 47.1863, 55.5221



46.6190, 47.1863, 49.6248

Square

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



43.6565, 47.1863, 55.5221



46.2738, 47.1863, 54.9019



46.0634, 47.1863, 47.4451



43.4541, 47.1863, 48.0079

Rectangle

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



43.6565, 47.1863, 55.5221



45.1563, 47.1863, 56.7931



46.0634, 47.1863, 47.4451



44.5434, 47.1863, 46.3183

Sweetspot

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



43.6579, 47.1883, 55.5231



85.4940, 90.7303, 101.2858



43.3434, 48.7647, 48.6194



18.5905, 19.7749, 22.2224



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.



43.6579, 47.1883, 55.5231



77.5008, 84.1751, 100.4418



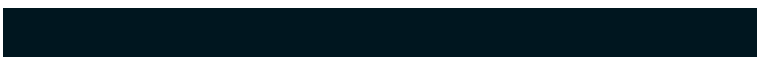
41.8729, 43.6184, 54.9282



9.5786, 10.3495, 12.1650



12.2210, 14.5537, 34.5579



0.5310, 0.6747, 1.3711

Inverse Universe

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



44.7458, 43.9560, 52.0273



79.8096, 77.3777, 93.0085



46.1992, 48.9601, 46.0459



9.8139, 9.6499, 11.4090



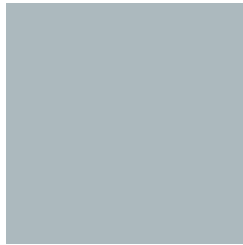
17.1694, 8.4989, 16.7173



0.6989, 0.3435, 0.7938

Previews

White Background



This preview shows how the XYZ color 43.6565, 47.1863, 55.5221 looks on a white background.

Color Contrast Check

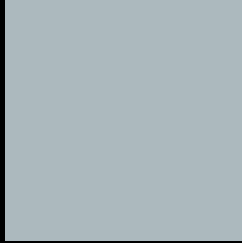
Large Text (above 18pt) WCAG AA × Fail

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 43.6565, 47.1863, 55.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

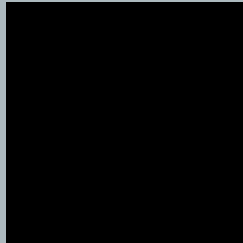
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

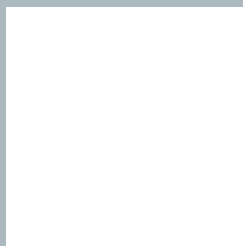
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6565, 47.1863, 55.5221

Background



This preview shows how black text looks on a background with the XYZ color 43.6565, 47.1863, 55.5221.



This preview shows how white text looks on a background with the XYZ color 43.6565, 47.1863,

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

43.6565, 47.1863, 55.5221

Protanopia

45.5722, 47.2771, 54.3004

Deuteranopia

48.0015, 46.9858, 56.4084



Tritanopia

44.5671, 47.2424, 60.1958

Trichromacy



Original Color

43.6565, 47.1863, 55.5221

Protanomaly

44.9412, 47.2444, 54.8945

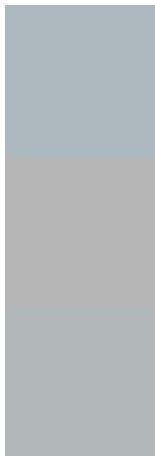
Deuteranomaly

46.2187, 46.9689, 55.9201

Tritanomaly

44.2244, 47.1053, 58.3911

Monochromacy



Original Color

43.6565, 47.1863, 55.5221

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.0505, 46.8347, 52.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6565, 47.1863, 55.5221 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(172, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 190)  
}
```

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(172, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.6565, 47.1863, 55.5221 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(172, 185, 190) }
```


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

```
.border{ border-color:rgb(172, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6565, 47.1863, 55.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 190) }
```

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

```
.background{ background-color: rgb(172,  
185, 190) }
```

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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