

Converting Colors

XYZ(45.4274, 50.5790, 53.7154)

Have a look what the booklet for
XYZ(45.4274, 50.5790, 53.7154)
contains.

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Color

**XYZ(45.6121, 50.7991,
53.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC1BA
RGB	175, 193, 186
RGB Percent	69%, 76%, 73%
CMY	0.3137, 0.2431, 0.2706
CMYK	0.09, 0.00, 0.04, 0.24
HSL	157°, 13%, 72%
HSV	157°, 9%, 76%
XYZ	45.6121, 50.7991, 53.8556
YIQ	186.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

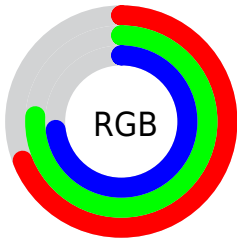
Format	Color
RYB	175, 186, 193
Decimal	11518394
CIELab	76.56, -7.50, 1.41
CIELCh	77, 7.628, 169.328
Yxy	50.7991, 0.3035, 0.3381
Android (android.graphics.Color)	4289708474 (0xFFAFC1BA)
YUV	186.8200, -0.4043, -10.3661
Hunter-Lab	71.2735, -10.4959, 5.0908

Details

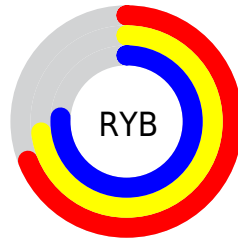
The XYZ color **45.6121, 50.7991, 53.8556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7676, 45.3761, 50.6046**, and the grayscale version is **47.1395, 49.5944, 54.0083**.

A 20% lighter version of the original color is **82.8577, 91.1511, 97.2313**, and **21.4923, 24.2963, 25.7472** is the 20% darker color. If you saturate the color by 10%, you get **40.8090, 48.4142, 49.5739**, and if you desaturate by 10%, it is **51.0792, 53.5242, 58.3894**.

Distribution



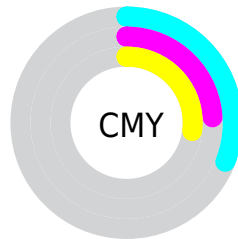
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6121, 50.7991, 53.8556 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 45.6121, 50.7991, 53.8556 by changing the saturation by 10% instead.

■ 45.6121, 50.7991,
53.8556

■ 45.6121, 50.7991,
53.8556

359.9891,
389.7827, 418.7182

■ 32.1432, 36.0487,
38.0938

■ 82.8696, 91.3577,
97.3165

■ 21.6269, 24.4718,
25.7531

107.3889,
117.9348, 125.8526

■ 13.6981, 15.6840,
16.4149

136.3223,
149.2229, 159.4840

■ 7.9913, 9.3008,
9.6607

170.0352,
185.6065, 198.6292

■ 4.1411, 4.9379,
5.0719

208.8930,
227.4698, 243.7066

■ 1.7823, 2.2109,
2.2301

253.2610,

■ 0.5070, 0.7259,

275.1974, 295.1349

0.6916

303.5046,
329.1736, 353.3326

■ 0.0000, 0.0000,
0.0000

■ 45.6121, 50.7991,
53.8556

■ 45.6121, 50.7991,
53.8556

■ 40.8090, 48.4142,
49.5739

■ 51.0792, 53.5242,
58.3894

■ 36.6388, 46.3495,
45.5364

■ 57.2311, 56.5961,
63.1764

■ 33.0743, 44.5923,
41.7395

■ 64.0933, 60.0291,
68.2220

■ 30.0846, 43.1267,
38.1782

■ 71.6883, 63.8348,
73.5305

■ 27.6359, 41.9356,
34.8474

■ 73.7031, 64.7588,
78.8093

■ 25.6908, 40.9996,
31.7416

■ 74.7414, 65.1741,
84.2769

■ 24.2067, 40.2968,
28.8551

■ 75.8253, 65.6076,
89.9842

■ 23.1338, 39.8018,
26.1817

■ 76.9551, 66.0596,
95.9340

■ 22.3830, 39.4686,
23.7131

■ 78.1316, 66.5302,
102.1292

Harmonies

Analogous

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



46.2127, 50.7991, 50.3014



45.6121, 50.7991, 53.8556



45.7163, 50.7991, 57.9786

Triad

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



45.6121, 50.7991, 53.8556



49.2055, 50.7991, 63.1393



50.1107, 50.7991, 49.5110

Complementary

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



45.6121, 50.7991, 53.8556



45.7676, 45.3761, 50.6046

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.



50.9440, 50.7991, 52.7276



45.6121, 50.7991, 53.8556



50.4143, 50.7991, 60.6439

Square

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



45.6121, 50.7991, 53.8556



47.7719, 50.7991, 63.4784



51.0562, 50.7991, 56.7936



48.7978, 50.7991, 47.8772

Rectangle

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



45.6121, 50.7991, 53.8556



46.1721, 50.7991, 60.4924



51.0562, 50.7991, 56.7936



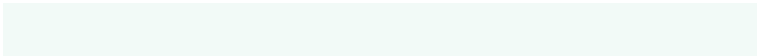
50.4573, 50.7991, 50.4353

Sweetspot

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



45.6135, 50.8012, 53.8567



87.6970, 93.9721, 101.4989



46.1482, 51.2069, 48.0098



18.6419, 20.0744, 21.6330



92.9021, 97.7402, 106.4391



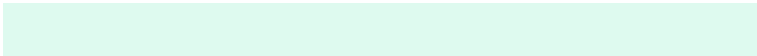
19.4759, 20.4902, 22.3138

Same Dimension

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



45.6135, 50.8012, 53.8567



80.0154, 90.1479, 95.0049



45.9810, 50.3153, 57.7430



10.1972, 11.3599, 12.0415



14.8959, 26.2524, 15.8768



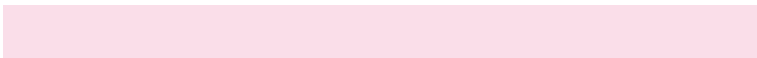
0.6766, 1.1475, 0.8596

Inverse Universe

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



45.7676, 45.3761, 50.6046



80.3419, 78.6558, 88.1163



45.4144, 45.7992, 47.0047



10.2318, 10.1413, 11.3110



15.5105, 7.8940, 5.3346



0.7040, 0.3546, 0.4086

Previews

White Background



This preview shows how the XYZ color 45.6121, 50.7991, 53.8556 looks on a white background.

Color Contrast Check

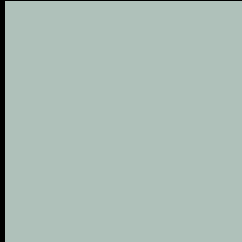
Large Text (above 18pt) WCAG AA × Fail

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 45.6121, 50.7991, 53.8556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

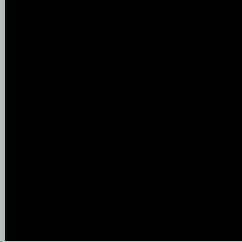
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

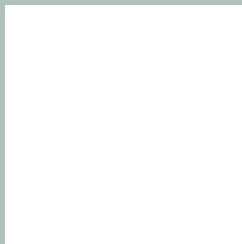
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.6121, 50.7991, 53.8556

Background



This preview shows how black text looks on a background with the XYZ color 45.6121, 50.7991, 53.8556.



This preview shows how white text looks on a background with the XYZ color 45.6121, 50.7991,

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

45.6121, 50.7991, 53.8556

Protanopia

48.5228, 50.7228, 52.0328

Deuteranopia

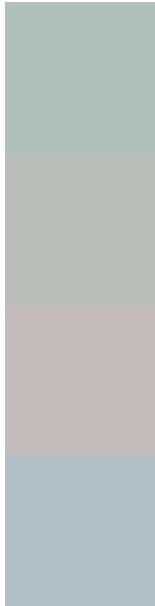
51.7427, 50.7632, 54.6481



Tritanopia

47.7930, 50.6997, 65.0247

Trichromacy



Original Color

45.6121, 50.7991, 53.8556

Protanomaly

47.3149, 50.7267, 52.6449

Deuteranomaly

49.2456, 50.7306, 54.2102

Tritanomaly

46.9553, 50.6859, 60.7346

Monochromacy



Original Color

45.6121, 50.7991, 53.8556

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.6957, 50.0503, 54.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6121, 50.7991, 53.8556 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(175, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 193, 186)  
}
```

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(175, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.6121, 50.7991, 53.8556 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(175, 193, 186) }
```


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

```
.border{ border-color:rgb(175, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 193,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6121, 50.7991, 53.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 186) }
```

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

```
.background{ background-color: rgb(175,  
193, 186) }
```

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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