

Converting Colors

XYZ(49.4959, 56.7745, 62.2951)

Have a look what the booklet for
XYZ(49.4959, 56.7745, 62.2951)
contains.

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Color

**XYZ(49.5957, 56.7848,
62.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	AECD C7
RGB	174, 205, 199
RGB Percent	68%, 80%, 78%
CMY	0.3176, 0.1961, 0.2196
CMYK	0.15, 0.00, 0.03, 0.20
HSL	168°, 24%, 74%
HSV	168°, 15%, 80%
XYZ	49.5957, 56.7848, 62.3794
YIQ	195.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

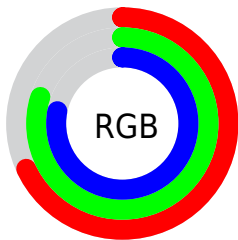
Format	Color
RYB	174, 191, 205
Decimal	11455943
CIELab	80.06, -11.51, -0.49
CIElCh	80, 11.519, 182.438
Yxy	56.7848, 0.2939, 0.3365
Android (android.graphics.Color)	4289646023 (0xFFFAECD7)
YUV	195.0470, 1.9488, -18.4582
Hunter-Lab	75.3557, -14.3918, 3.6688

Details

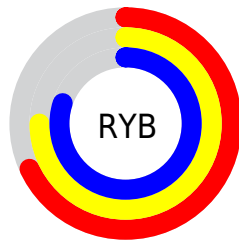
The XYZ color **49.5957, 56.7848, 62.3794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5532, 46.5481, 49.6083**, and the grayscale version is **51.8969, 54.5996, 59.4589**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **24.0626, 28.2425, 30.9712** is the 20% darker color. If you saturate the color by 10%, you get **44.9180, 54.4275, 59.7869**, and if you desaturate by 10%, it is **54.9857, 59.5110, 65.0704**.

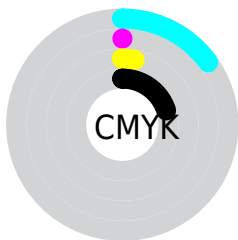
Distribution



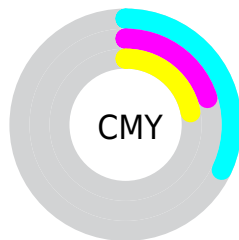
- Red (68%)
- Green (80%)
- Blue (78%)



- Red (68%)
- Yellow (75%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5957, 56.7848, 62.3794 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 49.5957, 56.7848, 62.3794 by changing the saturation by 10% instead.

■ 49.5957, 56.7848,
62.3794

■ 49.5957, 56.7848,
62.3794

375.5609,
412.6424, 451.3595

■ 35.3087, 40.8325,
44.9016

■ 88.7710, 100.1511,
109.8506

■ 24.0684, 28.1882,
31.0375

114.3900,
128.3339, 140.6810

■ 15.5094, 18.4676,
20.3687

144.5171,
161.3623, 176.7994

■ 9.2663, 11.2862,
12.4766

179.5176,
199.6207, 218.6243

■ 4.9738, 6.2597,
6.9427

219.7569,
243.4936, 266.5742

■ 2.2665, 3.0036,
3.3484

265.6003,

■ 0.7774, 1.1336,

293.3652, 321.0677

1.2752

317.4132,
349.6200, 382.5232

■ 0.0000, 0.0065,
0.0413

■ 0.0000, 0.0000,
0.0000

■ 49.5957, 56.7848,
62.3794

■ 49.5957, 56.7848,
62.3794

■ 44.9180, 54.4275,
59.7869

■ 54.9857, 59.5110,
65.0704

■ 40.9163, 52.4157,
57.2871

■ 61.1127, 62.6143,
67.8580

■ 37.5580, 50.7342,
54.8792

■ 68.0063, 66.1113,
70.7451

■ 34.8061, 49.3641,
52.5611

■ 75.3225, 69.8248,
73.7161

■ 32.6200, 48.2842,
50.3303

■ 75.8386, 70.0312,
76.4335

■ 30.9536, 47.4709,
48.1842

■ 76.3671, 70.2426,
79.2165

■ 29.7537, 46.8968,
46.1197

■ 76.9081, 70.4590,
82.0656

■ 28.9553, 46.5283,
44.1334

■ 77.4618, 70.6805,
84.9812

■ 28.6522, 46.3926,
43.1901

■ 78.0282, 70.9070,
87.9638

Harmonies

Analogous

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



50.0766, 56.7848, 56.0498



49.5957, 56.7848, 62.3794



50.2591, 56.7848, 69.0101

Triad

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



49.5957, 56.7848, 62.3794



56.4247, 56.7848, 73.3684



56.0835, 56.7848, 51.0830

Complementary

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



49.5957, 56.7848, 62.3794



48.5532, 46.5481, 49.6083

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.



57.8639, 56.7848, 55.1642



49.5957, 56.7848, 62.3794



58.0649, 56.7848, 67.9924

Square

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



49.5957, 56.7848, 62.3794



54.1641, 56.7848, 75.6344



58.5990, 56.7848, 61.2818



53.7809, 56.7848, 49.8148

Rectangle

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



49.5957, 56.7848, 62.3794



51.2725, 56.7848, 72.6295



58.5990, 56.7848, 61.2818



56.7651, 56.7848, 52.1561

Sweetspot

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



49.5973, 56.7872, 62.3807



90.1188, 97.5035, 106.6078



48.3421, 56.4484, 48.3932



19.1462, 20.7974, 22.7502



0.0000, 0.0000, 0.0000



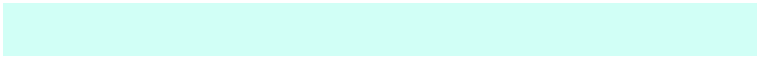
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5973, 56.7872, 62.3807



78.7346, 91.7506, 100.8393



48.1491, 52.7531, 65.4049



11.4465, 12.6884, 13.9087



17.8700, 28.8933, 27.0640



0.9464, 1.5004, 1.5253

Inverse Universe

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



48.5532, 46.5481, 49.6083



76.7182, 71.9713, 76.1694



49.8142, 50.0278, 47.0763



11.2996, 11.2486, 12.1124



15.9355, 8.1848, 2.1131



0.8492, 0.4331, 0.2515

Previews

White Background



This preview shows how the XYZ color 49.5957, 56.7848, 62.3794 looks on a white background.

Color Contrast Check

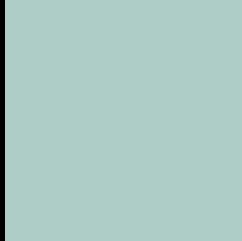
Large Text (above 18pt) WCAG AA × Fail

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 49.5957, 56.7848, 62.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

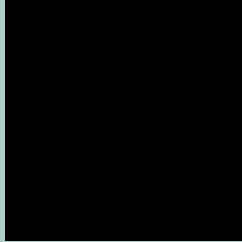
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5957, 56.7848, 62.3794

Background



This preview shows how black text looks on a background with the XYZ color 49.5957, 56.7848, 62.3794.



This preview shows how white text looks on a background with the XYZ color 49.5957, 56.7848,

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

49.5957, 56.7848, 62.3794

Protanopia

54.1737, 56.4292, 59.6664

Deuteranopia

57.8292, 56.5625, 63.7468



Tritanopia

52.1355, 56.7680, 74.5391

Trichromacy



Original Color

49.5957, 56.7848, 62.3794

Protanomaly

52.3563, 56.5005, 60.3708

Deuteranomaly

54.5963, 56.5671, 63.2993

Tritanomaly

51.2453, 56.7621, 69.8833

Monochromacy



Original Color

49.5957, 56.7848, 62.3794

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8807, 55.3972, 60.2356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5957, 56.7848, 62.3794 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(174, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 205, 199)  
}
```

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(174, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 205, 199) }
```

Border

The CSS property to change the border of an element to XYZ 49.5957, 56.7848, 62.3794 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(174, 205, 199) }
```


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

```
.border{ border-color:rgb(174, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 205,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5957, 56.7848, 62.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 205, 199) }
```

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

```
.background{ background-color: rgb(174,  
205, 199) }
```

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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