

Converting Colors

XYZ(51.5582, 56.6024, 61.9614)

Have a look what the booklet for
XYZ(51.5582, 56.6024, 61.9614)
contains.

XYZ(51.6790, 56.8037, 62.2733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.6790, 56.8037,
62.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	BACAC7
RGB	186, 202, 199
RGB Percent	73%, 79%, 78%
CMY	0.2706, 0.2078, 0.2196
CMYK	0.08, 0.00, 0.01, 0.21
HSL	169°, 13%, 76%
HSV	169°, 8%, 79%
XYZ	51.6790, 56.8037, 62.2733
YIQ	196.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

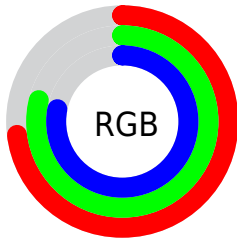
Format	Color
R _Y B	186, 195, 202
Decimal	12241607
CIE Lab	80.07, -6.00, -0.38
CIE LCh	80, 6.007, 183.602
Yxy	56.8037, 0.3026, 0.3327
Android (android.graphics.Color)	4290431687 (0xFFBACAC7)
YUV	196.8740, 1.0481, -9.5365
Hunter-Lab	75.3682, -9.4993, 3.7692

Details

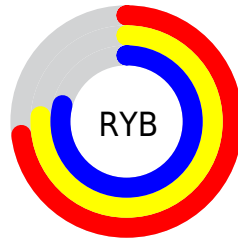
The XYZ color **51.6790, 56.8037, 62.2733** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1034, 51.3499, 55.3647**, and the grayscale version is **52.9938, 55.7536, 60.7157**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.3736, 28.2107, 30.8959** is the 20% darker color. If you saturate the color by 10%, you get **46.6800, 54.2784, 59.7712**, and if you desaturate by 10%, it is **57.3860, 59.6959, 64.8681**.

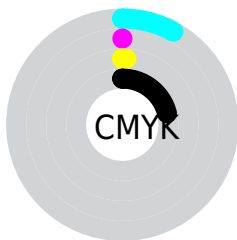
Distribution



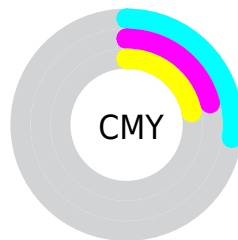
- Red (73%)
- Green (79%)
- Blue (78%)



- Red (73%)
- Yellow (76%)
- Blue (79%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6790, 56.8037, 62.2733 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 51.6790, 56.8037, 62.2733 by changing the saturation by 10% instead.

■ 51.6790, 56.8037,
62.2733

■ 51.6790, 56.8037,
62.2733

383.5405,
412.7133, 450.9624

■ 36.9725, 40.8477,
44.8164

■ 91.8347, 100.1787,
109.6959

■ 25.3598, 28.2001,
30.9709

118.0146,
128.3665, 140.4985

■ 16.4755, 18.4765,
20.3184

148.7497,
161.4002, 176.5869

■ 9.9542, 11.2926,
12.4403

184.4054,
199.6644, 218.3794

■ 5.4306, 6.2640,
6.9181

225.3469,
243.5435, 266.2947

■ 2.5394, 3.0063,
3.3333

271.9397,

■ 0.9152, 1.1350,

293.4217, 320.7513

1.2672

324.5491,
349.6835, 382.1677

■ 0.0000, 0.0076,
0.0347

■ 0.0000, 0.0000,
0.0000

■ 51.6790, 56.8037,
62.2733

■ 51.6790, 56.8037,
62.2733

■ 46.6800, 54.2784,
59.7712

■ 57.3860, 59.6959,
64.8681

■ 42.3550, 52.0978,
57.3564

■ 63.8235, 62.9617,
67.5536

■ 38.6747, 50.2482,
55.0281

■ 71.0189, 66.6170,
70.3325

■ 35.6056, 48.7125,
52.7845

■ 74.5203, 68.3667,
72.9971

■ 33.1109, 47.4717,
50.6233

■ 75.0107, 68.5629,
75.5796

■ 31.1502, 46.5050,
48.5422

■ 75.5124, 68.7636,
78.2218

■ 29.6774, 45.7886,
46.5387

■ 76.0256, 68.9688,
80.9242

■ 28.6388, 45.2947,
44.6098

■ 76.5503, 69.1787,
83.6871

■ 27.9552, 44.9827,
42.7513

■ 77.0866, 69.3932,
86.5110

Harmonies

Analogous

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



51.9128, 56.8037, 58.9057



51.6790, 56.8037, 62.2733



52.0567, 56.8037, 65.6489

Triad

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



51.6790, 56.8037, 62.2733



55.3010, 56.8037, 67.6253



55.0416, 56.8037, 56.0157

Complementary

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



51.6790, 56.8037, 62.2733



51.1034, 51.3499, 55.3647

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.



55.9710, 56.8037, 58.1997



51.6790, 56.8037, 62.2733



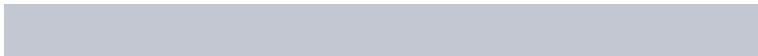
56.1223, 56.8037, 64.8899

Square

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



51.6790, 56.8037, 62.2733



54.1380, 56.8037, 68.8115



56.3693, 56.8037, 61.4278



53.8427, 56.8037, 55.3738

Rectangle

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



51.6790, 56.8037, 62.2733



52.6079, 56.8037, 67.4257



56.3693, 56.8037, 61.4278



55.3965, 56.8037, 56.5897

Sweetspot

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



51.6806, 56.8061, 62.2746



93.0448, 98.9840, 108.0038



51.0211, 56.6331, 54.6973



19.9364, 21.1973, 23.1267



0.0000, 0.0000, 0.0000



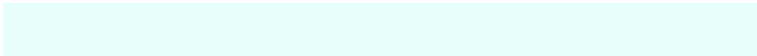
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6806, 56.8061, 62.2746



85.5219, 95.1760, 104.4824



50.9238, 54.7288, 63.7598



11.4495, 12.6895, 13.9243



17.9391, 28.9209, 27.4279



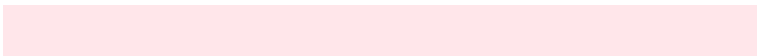
0.9494, 1.5016, 1.5411

Inverse Universe

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



51.1034, 51.3499, 55.3647



84.2902, 83.5327, 89.7378



51.8092, 53.2779, 54.0081



11.2969, 11.2475, 12.0981



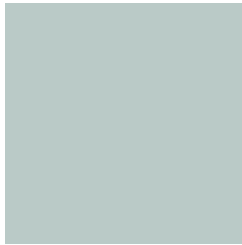
15.9222, 8.1795, 2.0431



0.8479, 0.4326, 0.2449

Previews

White Background



This preview shows how the XYZ color 51.6790, 56.8037, 62.2733 looks on a white background.

Color Contrast Check

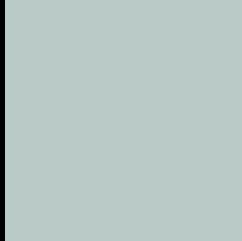
Large Text (above 18pt) WCAG AA × Fail

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 51.6790, 56.8037, 62.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

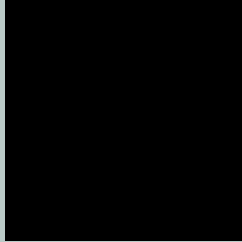
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

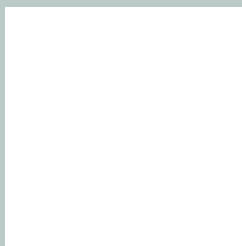
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6790, 56.8037, 62.2733

Background



This preview shows how black text looks on a background with the XYZ color 51.6790, 56.8037, 62.2733.



This preview shows how white text looks on a background with the XYZ color 51.6790, 56.8037,

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

51.6790, 56.8037, 62.2733

Protanopia

54.2872, 56.4746, 60.2640

Deuteranopia

57.7112, 56.5152, 63.1252



Tritanopia

53.6754, 56.5720, 72.3805

Trichromacy



Original Color

51.6790, 56.8037, 62.2733

Protanomaly

53.2664, 56.6138, 60.9434

Deuteranomaly

55.3421, 56.6291, 62.6573

Tritanomaly

52.9019, 56.6034, 68.4589

Monochromacy



Original Color

51.6790, 56.8037, 62.2733

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6088, 56.2615, 61.5129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6790, 56.8037, 62.2733 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(186, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 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(186, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 51.6790, 56.8037, 62.2733 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(186, 202, 199) }
```


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

```
.border{ border-color:rgb(186, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6790, 56.8037, 62.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 199) }
```

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

```
.background{ background-color: rgb(186,  
202, 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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