

Converting Colors

XYZ(55.7381, 63.3865, 60.1537)

Have a look what the booklet for
XYZ(55.7381, 63.3865, 60.1537)
contains.

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Color

**XYZ(55.7765, 63.3256,
60.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D6C2
RGB	193, 214, 194
RGB Percent	76%, 84%, 76%
CMY	0.2431, 0.1608, 0.2392
CMYK	0.10, 0.00, 0.09, 0.16
HSL	123°, 20%, 80%
HSV	123°, 10%, 84%
XYZ	55.7765, 63.3256, 60.3223
YIQ	205.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

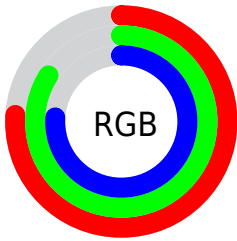
Format	Color
R _{YB}	193, 213, 214
Decimal	12703426
CIE Lab	83.61, -10.76, 7.49
CIE LCh	84, 13.108, 145.174
Yxy	63.3256, 0.3109, 0.3529
Android (android.graphics.Color)	4290893506 (0xFFC1D6C2)
YUV	205.4410, -5.6404, -10.9108
Hunter-Lab	79.5774, -14.1482, 10.7604

Details

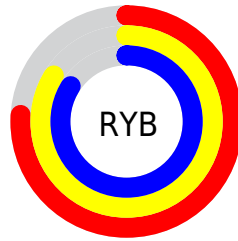
The XYZ color **55.7765, 63.3256, 60.3223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8140, 57.2417, 70.9027**, and the grayscale version is **58.3482, 61.3869, 66.8503**.

A 20% lighter version of the original color is **92.4397, 98.7461, 104.6303**, and **27.7792, 32.1787, 29.5579** is the 20% darker color. If you saturate the color by 10%, you get **48.5766, 59.8623, 48.8450**, and if you desaturate by 10%, it is **64.0834, 67.3269, 73.4929**.

Distribution



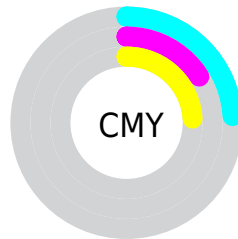
- Red (76%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7765, 63.3256, 60.3223 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 55.7765, 63.3256, 60.3223 by changing the saturation by 10% instead.

■ 55.7765, 63.3256,
60.3223

■ 55.7765, 63.3256,
60.3223

398.9374,
436.7502, 443.6223

■ 40.2601, 46.1047,
43.2515

■ 97.8194, 109.6391,
106.8450

■ 27.9265, 32.3284,
29.7496

125.0766,
139.5005, 137.1340

■ 18.4104, 21.6125,
19.3982

156.9781,
174.3441, 172.6661

■ 11.3465, 13.5724,
11.7786

193.8892,
214.5544, 213.8598

■ 6.3694, 7.8239,
6.4724

236.1754,
260.5158, 261.1338

■ 3.1138, 3.9825,
3.0610

284.2019,

■ 1.2142, 1.6638,

312.6126, 314.9065

1.1259

338.3341,
371.2293, 375.5965

■ 0.1175, 0.4000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7765, 63.3256,
60.3223

■ 55.7765, 63.3256,
60.3223

■ 48.5766, 59.8623,
48.8450

■ 64.0834, 67.3269,
73.4929

■ 42.4319, 56.9064,
38.9883

■ 73.5356, 71.8791,
88.4171

■ 37.2945, 54.4366,
30.6805

■ 83.3378, 76.5755,
104.9959

■ 33.1106, 52.4267,
23.8430

■ 29.8214, 50.8483,
18.3900

■ 27.3616, 49.6699,
14.2272

■ 25.6573, 48.8554,
11.2483

■ 24.6209, 48.3625,
9.3302

■ 24.1107, 48.1213,
8.3213

Harmonies

Analogous

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



57.8746, 63.3256, 55.6274



55.7765, 63.3256, 60.3223



54.8617, 63.3256, 67.6311

Triad

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



55.7765, 63.3256, 60.3223



59.7265, 63.3256, 85.9085



65.3170, 63.3256, 62.4512

Complementary

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



55.7765, 63.3256, 60.3223



58.8140, 57.2417, 70.9027

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.



65.8507, 63.3256, 70.2876



55.7765, 63.3256, 60.3223



62.5644, 63.3256, 84.2479

Square

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



55.7765, 63.3256, 60.3223



57.0956, 63.3256, 82.7390



64.8285, 63.3256, 78.3652



63.3923, 63.3256, 56.7864

Rectangle

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



55.7765, 63.3256, 60.3223



55.0241, 63.3256, 73.1661



64.8285, 63.3256, 78.3652



65.6676, 63.3256, 64.9006

Sweetspot

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



55.7782, 63.3283, 60.3237



91.1403, 98.1174, 102.7097



61.2026, 66.1376, 59.9930



19.2897, 20.8962, 21.6386



0.0000, 0.0000, 0.0000



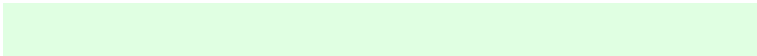
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7782, 63.3283, 60.3237



80.3325, 92.9144, 85.5492



56.9639, 63.8026, 66.5674



12.2861, 13.9055, 13.3213



14.5792, 29.0870, 5.0796



0.8880, 1.7578, 0.3518

Inverse Universe

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



58.8140, 57.2417, 70.9027



85.8195, 81.9131, 104.6701



57.5592, 56.7398, 64.2951



12.9263, 12.6220, 15.5521



23.3471, 11.2752, 35.4616



1.4162, 0.6833, 2.1813

Previews

White Background



This preview shows how the XYZ color 55.7765, 63.3256, 60.3223 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 55.7765, 63.3256, 60.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

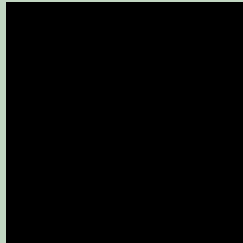
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7765, 63.3256, 60.3223

Background



This preview shows how black text looks on a background with the XYZ color 55.7765, 63.3256, 60.3223.



This preview shows how white text looks on a background with the XYZ color 55.7765, 63.3256, 60.3223.

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

55.7765, 63.3256, 60.3223

Protanopia

59.9260, 62.9423, 57.7058

Deuteranopia

64.2434, 62.9603, 61.5899



Tritanopia

59.8166, 63.0977, 80.9779

Trichromacy



Original Color

55.7765, 63.3256, 60.3223

Protanomaly

58.4630, 63.2647, 58.4202

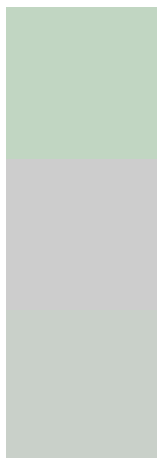
Deuteranomaly

60.9486, 63.0336, 61.1789

Tritanomaly

58.1968, 63.1793, 72.7459

Monochromacy



Original Color

55.7765, 63.3256, 60.3223

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1859, 61.7463, 64.1626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7765, 63.3256, 60.3223 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(193, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 194)  
}
```

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(193, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.7765, 63.3256, 60.3223 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(193, 214, 194) }
```


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

```
.border{ border-color:rgb(193, 214, 194) }
```

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

Here you see how a box with a 4 pixel rgb(193, 214, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7765, 63.3256, 60.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 194) }
```

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

```
.background{ background-color: rgb(193,  
214, 194) }
```

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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