

Converting Colors

XYZ(52.4445, 55.7916, 61.9767)

Have a look what the booklet for
XYZ(52.4445, 55.7916, 61.9767)
contains.

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Color

**XYZ(52.4952, 55.8491,
62.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C6C7
RGB	193, 198, 199
RGB Percent	76%, 78%, 78%
CMY	0.2431, 0.2235, 0.2196
CMYK	0.03, 0.01, 0.00, 0.22
HSL	190°, 5%, 77%
HSV	190°, 3%, 78%
XYZ	52.4952, 55.8491, 62.0460
YIQ	196.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

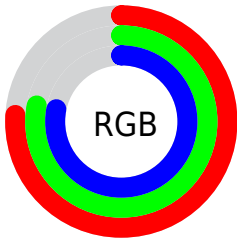
Format	Color
RYB	193, 196, 199
Decimal	12699335
CIELab	79.53, -1.53, -1.11
CIElCh	80, 1.885, 216.003
Yxy	55.8491, 0.3081, 0.3278
Android (android.graphics.Color)	4290889415 (0xFFC1C6C7)
YUV	196.6190, 1.1738, -3.1739
Hunter-Lab	74.7323, -5.3953, 3.0874

Details

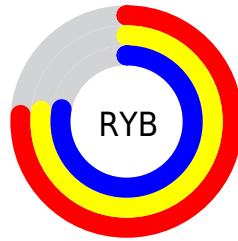
The XYZ color **52.4952, 55.8491, 62.0460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4708, 54.5755, 58.2216**, and the grayscale version is **52.8371, 55.5888, 60.5362**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **25.8993, 27.5663, 30.7439** is the 20% darker color. If you saturate the color by 10%, you get **47.0125, 51.9145, 61.5764**, and if you desaturate by 10%, it is **58.6802, 60.1734, 62.5555**.

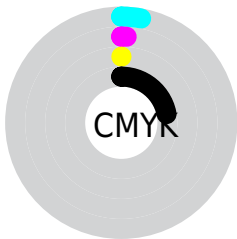
Distribution



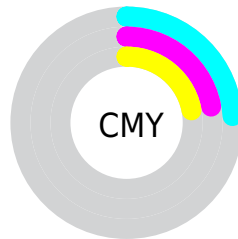
- Red (76%)
- Green (78%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4952, 55.8491, 62.0460 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 52.4952, 55.8491, 62.0460 by changing the saturation by 10% instead.

■ 52.4952, 55.8491,
62.0460

■ 52.4952, 55.8491,
62.0460

386.6380,
409.1226, 450.1111

■ 37.6258, 40.0820,
44.6338

■ 93.0311, 98.7839,
109.3643

■ 25.8683, 27.6024,
30.8283

119.4282,
126.7204, 140.1074

■ 16.8573, 18.0262,
20.2107

150.3987,
159.4820, 176.1313

■ 10.2275, 10.9688,
12.3627

186.3078,
197.4533, 217.8546

■ 5.6135, 6.0459,
6.8657

227.5210,
241.0186, 265.6956

■ 2.6499, 2.8730,
3.3011

274.4035,

■ 0.9715, 1.0658,

290.5623, 320.0730

1.2503

327.3207,
346.4689, 381.4054

■ 0.0000, 0.0000,
0.0206

■ 0.0000, 0.0000,
0.0000

■ 52.4952, 55.8491,
62.0460

■ 52.4952, 55.8491,
62.0460

■ 47.0125, 51.9145,
61.5764

■ 58.6802, 60.1734,
62.5555

■ 42.2002, 48.3482,
61.1416

■ 65.5884, 64.8936,
63.1025

■ 38.0309, 45.1376,
60.7417

■ 73.2458, 70.0248,
63.6894

■ 34.4735, 42.2665,
60.3750

■ 74.9004, 72.0865,
64.0001

■ 31.4942, 39.7173,
60.0400

■ 75.7315, 73.7487,
64.2771

■ 29.0559, 37.4707,
59.7348

■ 76.5796, 75.4448,
64.5598

■ 27.1170, 35.5051,
59.4576

■ 77.4448, 77.1752,
64.8482

■ 25.6298, 33.7957,
59.2061

■ 78.3272, 78.9400,
65.1423

■ 24.5369, 32.3128,
58.9775

■ 79.2269, 80.7394,
65.4422

Harmonies

Analogous

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



52.3610, 55.8491, 61.0288



52.4952, 55.8491, 62.0460



52.7869, 55.8491, 62.7380

Triad

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



52.4952, 55.8491, 62.0460



53.7518, 55.8491, 61.6634



53.0067, 55.8491, 58.7569

Complementary

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



52.4952, 55.8491, 62.0460



52.4708, 54.5755, 58.2216

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.



53.3800, 55.8491, 58.9223



52.4952, 55.8491, 62.0460



53.8114, 55.8491, 60.5920

Square

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



52.4952, 55.8491, 62.0460



53.5127, 55.8491, 62.5152



53.6750, 55.8491, 59.5909



52.6554, 55.8491, 59.1364

Rectangle

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



52.4952, 55.8491, 62.0460



53.0321, 55.8491, 62.9172



53.6750, 55.8491, 59.5909



53.1337, 55.8491, 58.7507

Sweetspot

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



52.4968, 55.8515, 62.0472



93.9830, 99.2495, 108.8114



52.1430, 56.0758, 59.0564



20.1275, 21.2514, 23.2910



0.0000, 0.0000, 0.0000



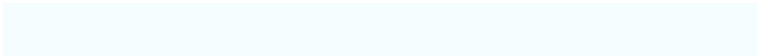
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4968, 55.8515, 62.0472



90.8582, 97.0400, 108.5496



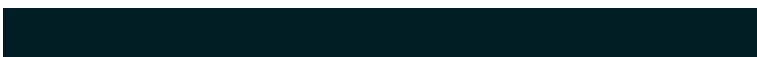
51.8395, 54.5369, 61.8281



11.3652, 12.1671, 13.6670



15.4449, 20.2837, 37.8455



0.7723, 1.0424, 1.8056

Inverse Universe

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



52.8174, 54.3603, 61.1376



91.6102, 93.5552, 106.4133



53.1232, 55.8804, 58.4391



11.4744, 11.6623, 13.3566



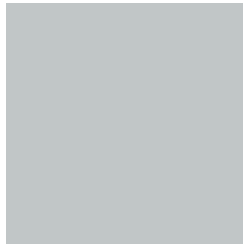
19.5952, 9.5876, 24.1419



0.9485, 0.4623, 1.2521

Previews

White Background



This preview shows how the XYZ color 52.4952, 55.8491, 62.0460 looks on a white background.

Color Contrast Check

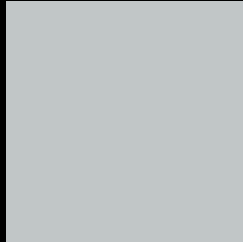
Large Text (above 18pt) WCAG AA × Fail

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 52.4952, 55.8491, 62.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

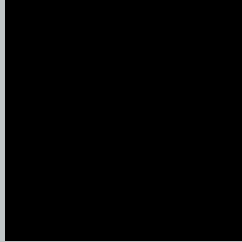
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

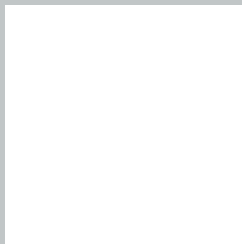
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4952, 55.8491, 62.0460

Background



This preview shows how black text looks on a background with the XYZ color 52.4952, 55.8491, 62.0460.

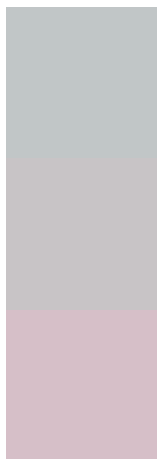


This preview shows how white text looks on a background with the XYZ color 52.4952, 55.8491,

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

52.4952, 55.8491, 62.0460

Protanopia

53.7524, 55.8364, 61.3705

Deuteranopia

56.7877, 55.7279, 62.4071



Tritanopia

54.1293, 55.8354, 70.2118

Trichromacy



Original Color

52.4952, 55.8491, 62.0460

Protanomaly

53.1853, 55.8800, 61.4088

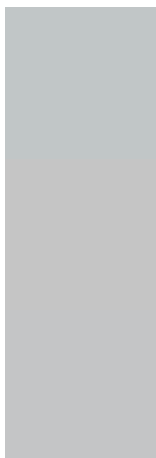
Deuteranomaly

55.1707, 55.8755, 62.5208

Tritanomaly

53.4769, 55.9068, 67.0040

Monochromacy



Original Color

52.4952, 55.8491, 62.0460

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9242, 55.7455, 61.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4952, 55.8491, 62.0460 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, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 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(193, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.4952, 55.8491, 62.0460 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, 198, 199) }
```


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

```
.border{ border-color:rgb(193, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4952, 55.8491, 62.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 199) }
```

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

```
.background{ background-color: rgb(193,  
198, 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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