

Converting Colors

XYZ(54.9284, 60.0411, 68.3694)

Have a look what the booklet for
XYZ(54.9284, 60.0411, 68.3694)
contains.

XYZ(54.9332, 60.1269, 68.3849)	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(54.9332, 60.1269,
68.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	BECFD0
RGB	190, 207, 208
RGB Percent	75%, 81%, 82%
CMY	0.2549, 0.1882, 0.1843
CMYK	0.09, 0.00, 0.00, 0.18
HSL	183°, 16%, 78%
HSV	183°, 9%, 82%
XYZ	54.9332, 60.1269, 68.3849
YIQ	202.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

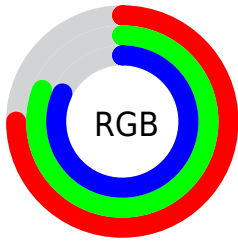
Format	Color
R _Y B	190, 199, 208
Decimal	12505040
CIE Lab	81.91, -5.53, -2.47
CIE LCh	82, 6.053, 204.091
Yxy	60.1269, 0.2995, 0.3278
Android (android.graphics.Color)	4290695120 (0xFFBECFD0)
YUV	202.0310, 2.9427, -10.5512
Hunter-Lab	77.5415, -9.2419, 1.9904

Details

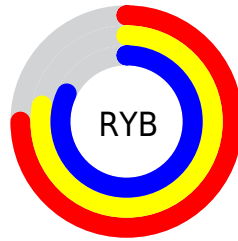
The XYZ color **54.9332, 60.1269, 68.3849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9377, 54.3888, 56.3714**, and the grayscale version is **56.1467, 59.0707, 64.3280**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.5405, 30.4339, 34.9946** is the 20% darker color. If you saturate the color by 10%, you get **49.8267, 57.0833, 68.0675**, and if you desaturate by 10%, it is **60.7866, 63.5619, 68.7403**.

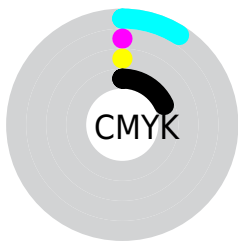
Distribution



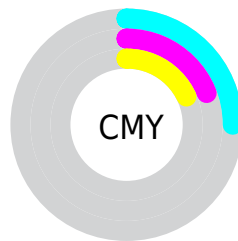
- Red (75%)
- Green (81%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9332, 60.1269, 68.3849 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 54.9332, 60.1269, 68.3849 by changing the saturation by 10% instead.

■ 54.9332, 60.1269,
68.3849

■ 54.9332, 60.1269,
68.3849

395.7992,
425.0654, 473.4936

■ 39.5819, 43.5209,
49.7423

■ 96.5920, 105.0137,
118.5620

■ 27.3954, 30.2941,
34.8389

123.6301,
134.0634, 150.9336

■ 18.0086, 20.0619,
23.2563

155.2946,
168.0297, 188.7186

■ 11.0559, 12.4400,
14.5758

191.9507,
207.2971, 232.3355

■ 6.1720, 7.0441,
8.3789

233.9639,
252.2500, 282.2030

■ 2.9916, 3.4897,
4.2471

281.6995,

■ 1.1493, 1.3924,

303.2727, 338.7394

1.7619

335.5228,
360.7497, 402.3634

■ 0.0658, 0.2111,
0.4026

■ 0.0000, 0.0000,
0.0000

■ 54.9332, 60.1269,
68.3849

■ 54.9332, 60.1269,
68.3849

■ 49.8267, 57.0833,
68.0675

■ 60.7866, 63.5619,
68.7403

■ 45.4307, 54.4073,
67.7827

■ 67.4112, 67.3958,
69.1312

■ 41.7134, 52.0842,
67.5302

■ 74.8364, 71.6455,
69.5601

■ 38.6387, 50.0954,
67.3084

■ 76.0720, 72.7074,
69.7000

■ 36.1671, 48.4205,
67.1153

■ 76.3603, 73.2840,
69.7961

■ 34.2546, 47.0368,
66.9491

■ 76.6506, 73.8647,
69.8929

■ 32.8514, 45.9186,
66.8072

■ 76.9430, 74.4495,
69.9903

■ 31.8987, 45.0357,
66.6870

■ 77.2375, 75.0384,
70.0885

■ 31.3046, 44.3406,
66.5841

■ 77.5340, 75.6315,
70.1873

Harmonies

Analogous

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



54.7375, 60.1269, 64.7456



54.9332, 60.1269, 68.3849



55.7187, 60.1269, 71.3393

Triad

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



54.9332, 60.1269, 68.3849



59.1638, 60.1269, 69.6859



57.4024, 60.1269, 58.7097

Complementary

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



54.9332, 60.1269, 68.3849



53.9377, 54.3888, 56.3714

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.



58.6032, 60.1269, 59.9279



54.9332, 60.1269, 68.3849



59.6299, 60.1269, 66.1957

Square

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



54.9332, 60.1269, 68.3849



58.1584, 60.1269, 72.1099



59.4232, 60.1269, 62.6352



56.1509, 60.1269, 59.2470

Rectangle

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



54.9332, 60.1269, 68.3849



56.4774, 60.1269, 72.4770



59.4232, 60.1269, 62.6352



57.8255, 60.1269, 58.9260

Sweetspot

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



54.9349, 60.1294, 68.3862



92.1563, 98.3079, 108.7259



53.1850, 59.8171, 57.9762



19.5637, 20.9472, 23.2620



0.0000, 0.0000, 0.0000



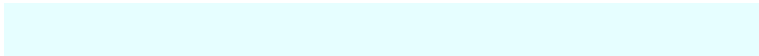
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9349, 60.1294, 68.3862



85.8340, 94.5827, 108.3401



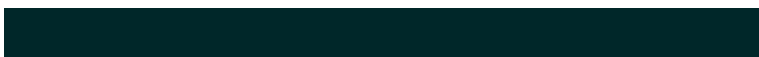
52.8383, 55.9361, 67.6873



12.1000, 13.2902, 15.1712



19.4906, 27.6278, 41.4979



1.1073, 1.5798, 2.3261

Inverse Universe

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



55.6897, 54.7429, 66.6658



87.2213, 84.7051, 105.1730



55.9388, 58.3909, 57.0384



12.2814, 11.9973, 14.7574



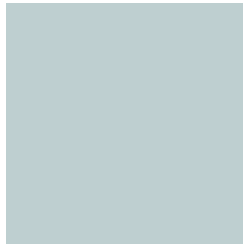
22.4687, 10.8603, 33.7038



1.2651, 0.6108, 1.9310

Previews

White Background



This preview shows how the XYZ color 54.9332, 60.1269, 68.3849 looks on a white background.

Color Contrast Check

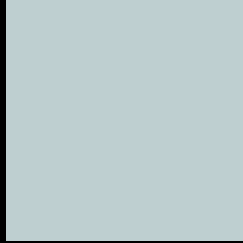
Large Text (above 18pt) WCAG AA × Fail

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 54.9332, 60.1269, 68.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

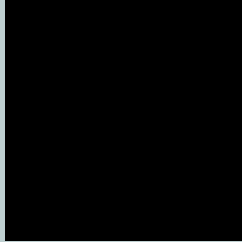
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

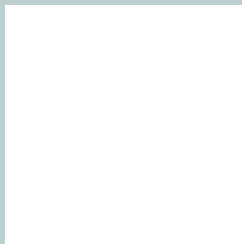
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9332, 60.1269, 68.3849

Background



This preview shows how black text looks on a background with the XYZ color 54.9332, 60.1269, 68.3849.

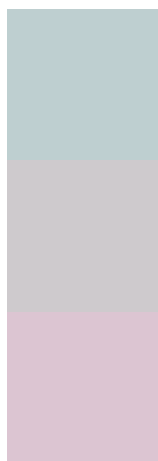


This preview shows how white text looks on a background with the XYZ color 54.9332, 60.1269,

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

54.9332, 60.1269, 68.3849

Protanopia

57.5936, 59.7706, 66.2590

Deuteranopia

61.1143, 59.8013, 69.2945



Tritanopia

56.6207, 60.0896, 77.0208

Trichromacy



Original Color

54.9332, 60.1269, 68.3849

Protanomaly

56.5529, 59.9213, 66.9778

Deuteranomaly

58.6898, 59.9320, 68.7964

Tritanomaly

55.9518, 60.1768, 73.6321

Monochromacy



Original Color

54.9332, 60.1269, 68.3849

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7807, 59.5511, 65.6813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9332, 60.1269, 68.3849 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(190, 207, 208)` looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 208)  
}
```

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(190, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.9332, 60.1269, 68.3849 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(190, 207, 208) }
```


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

```
.border{ border-color:rgb(190, 207, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9332, 60.1269, 68.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 208) }
```

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

```
.background{ background-color: rgb(190,  
207, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor