

Converting Colors

XYZ(53.1750, 54.1369, 62.4680)

Have a look what the booklet for
XYZ(53.1750, 54.1369, 62.4680)
contains.

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Color

**XYZ(53.0944, 54.1488,
62.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C0C8
RGB	200, 192, 200
RGB Percent	78%, 75%, 78%
CMY	0.2157, 0.2470, 0.2157
CMYK	0.00, 0.04, 0.00, 0.22
HSL	300°, 7%, 77%
HSV	300°, 4%, 78%
XYZ	53.0944, 54.1488, 62.2970
YIQ	195.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

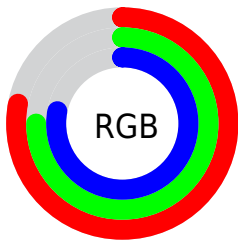
Format	Color
R _Y B	200, 192, 200
Decimal	13156552
CIE Lab	78.55, 4.25, -3.02
CIE LCh	79, 5.215, 324.610
Yxy	54.1488, 0.3132, 0.3194
Android (android.graphics.Color)	4291346632 (0xFFC8C0C8)
YUV	195.3040, 2.3151, 4.1184
Hunter-Lab	73.5859, 0.0178, 1.3158

Details

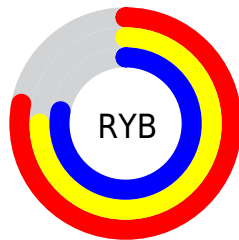
The XYZ color **53.0944, 54.1488, 62.2970** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9090, 56.3223, 58.0074**, and the grayscale version is **52.0401, 54.7502, 59.6230**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **26.2750, 26.6516, 30.9536** is the 20% darker color. If you saturate the color by 10%, you get **48.9986, 45.9566, 60.9324**, and if you desaturate by 10%, it is **57.7900, 63.5392, 63.8629**.

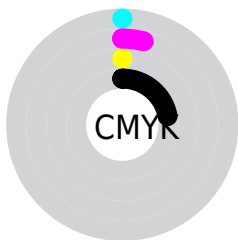
Distribution



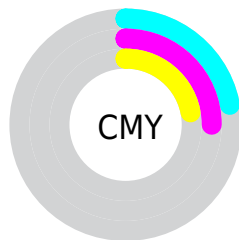
- Red (78%)
- Green (75%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0944, 54.1488, 62.2970 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 53.0944, 54.1488, 62.2970 by changing the saturation by 10% instead.

■ 53.0944, 54.1488,
62.2970

■ 53.0944, 54.1488,
62.2970

388.9021,
402.6772, 451.0511

■ 38.1059, 38.7206,
44.8354

■ 93.9080, 96.2927,
109.7304

■ 26.2425, 26.5425,
30.9858

120.4638,
123.7772, 140.5393

■ 17.1388, 17.2299,
20.3296

151.6061,
156.0493, 176.6344

■ 10.4294, 10.3985,
12.4484

187.7002,
193.4934, 218.4341

■ 5.7490, 5.6640,
6.9236

229.1115,
236.4938, 266.3572

■ 2.7323, 2.6419,
3.3367

276.2053,

■ 1.0138, 0.9478,

285.4350, 320.8220

1.2690

329.3471,
340.7013, 382.2471

■ 0.0000, 0.0000,
0.0362

■ 0.0000, 0.0000,
0.0000

■ 53.0944, 54.1488,
62.2970

■ 53.0944, 54.1488,
62.2970

■ 48.9986, 45.9566,
60.9324

■ 57.7900, 63.5392,
63.8629

■ 45.4742, 38.9076,
59.7576

■ 63.1034, 74.1659,
65.6340

■ 42.4970, 32.9534,
58.7652

■ 69.0574, 86.0739,
67.6186

■ 40.0397, 28.0389,
57.9462

■ 70.0054, 87.9698,
67.9346

38.0726, 24.1046,
57.2904

70.0055, 87.9698,
67.9346

36.5626, 21.0849,
56.7871

70.0055, 87.9699,
67.9346

35.4731, 18.9059,
56.4240

70.0055, 87.9699,
67.9346

34.7615, 17.4828,
56.1868

70.0056, 87.9699,
67.9346

34.3764, 16.7126,
56.0584

70.0056, 87.9699,
67.9346

Harmonies

Analogous

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



52.2940, 54.1488, 64.2544



53.0944, 54.1488, 62.2970



53.4590, 54.1488, 59.4920

Triad

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



53.0944, 54.1488, 62.2970



51.6526, 54.1488, 53.5028



49.6913, 54.1488, 61.3468

Complementary

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



53.0944, 54.1488, 62.2970



51.9090, 56.3223, 58.0074

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.



49.5247, 54.1488, 58.4289



53.0944, 54.1488, 62.2970



50.6484, 54.1488, 53.9625

Square

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



53.0944, 54.1488, 62.2970



52.6196, 54.1488, 54.4651



49.8728, 54.1488, 55.7421



50.3310, 54.1488, 63.6932

Rectangle

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



53.0944, 54.1488, 62.2970



53.4025, 54.1488, 57.5430



49.8728, 54.1488, 55.7421



49.5785, 54.1488, 60.3977

Sweetspot

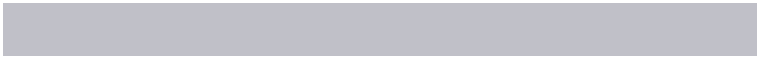
The Sweet Spot groups the original color and five complimentary colors.



53.0960, 54.1511, 62.2982



94.2419, 98.3838, 108.6306



51.0449, 53.1372, 62.2106



20.1802, 21.0752, 23.2543



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.



53.0960, 54.1511, 62.2982



91.1166, 92.1332, 107.5889



52.6498, 53.9727, 59.9488



11.4255, 11.5013, 13.5353



21.7738, 10.4591, 35.6156



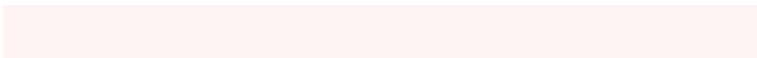
1.0310, 0.4952, 1.6864

Inverse Universe

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



52.1855, 53.7869, 57.5035



89.1312, 91.3390, 97.1340



52.3430, 56.4959, 60.2929



11.1490, 11.3907, 12.0795



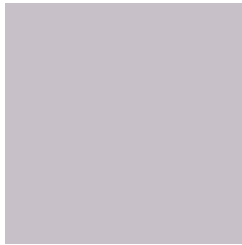
15.1453, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 53.0944, 54.1488, 62.2970 looks on a white background.

Color Contrast Check

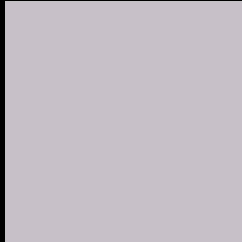
Large Text (above 18pt) WCAG AA × Fail

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 53.0944, 54.1488, 62.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

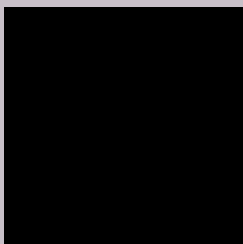
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

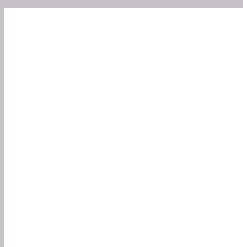
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0944, 54.1488, 62.2970

Background



This preview shows how black text looks on a background with the XYZ color 53.0944, 54.1488, 62.2970.

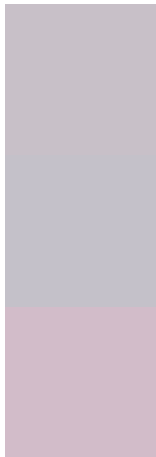


This preview shows how white text looks on a background with the XYZ color 53.0944, 54.1488,

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

53.0944, 54.1488, 62.2970

Protanopia

52.3775, 54.0927, 62.9387

Deuteranopia

55.1042, 53.8851, 62.7549



Tritanopia

53.8588, 54.1353, 66.0030

Trichromacy



Original Color

53.0944, 54.1488, 62.2970

Protanomaly

52.6385, 54.2273, 62.9509

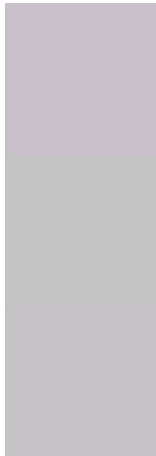
Deuteranomaly

54.1938, 53.7340, 62.7737

Tritanomaly

53.6173, 54.0387, 64.7313

Monochromacy



Original Color

53.0944, 54.1488, 62.2970

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3958, 54.4851, 60.5784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0944, 54.1488, 62.2970 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(200, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 192, 200)  
}
```

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(200, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.0944, 54.1488, 62.2970 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(200, 192, 200) }
```


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

```
.border{ border-color:rgb(200, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0944, 54.1488, 62.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 192, 200) }
```

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

```
.background{ background-color: rgb(200,  
192, 200) }
```

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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