

Converting Colors

XYZ(49.3533, 53.0604, 50.9456)

Have a look what the booklet for
XYZ(49.3533, 53.0604, 50.9456)
contains.

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Color

**XYZ(49.2682, 53.0853,
50.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2B4
RGB	192, 194, 180
RGB Percent	75%, 76%, 71%
CMY	0.2471, 0.2392, 0.2941
CMYK	0.01, 0.00, 0.07, 0.24
HSL	69°, 10%, 73%
HSV	69°, 7%, 76%
XYZ	49.2682, 53.0853, 50.8298
YIQ	191.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

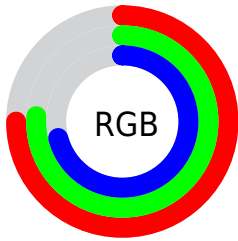
Format	Color
RYB	180, 194, 182
Decimal	12632756
CIELab	77.93, -3.20, 6.79
CIELCh	78, 7.508, 115.245
Yxy	53.0853, 0.3216, 0.3465
Android (android.graphics.Color)	4290822836 (0xFFC0C2B4)
YUV	191.8060, -5.8204, 0.1701
Hunter-Lab	72.8597, -6.8015, 9.6387

Details

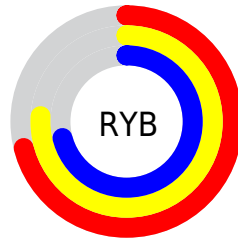
The XYZ color **49.2682, 53.0853, 50.8298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3523, 46.4841, 57.6237**, and the grayscale version is **50.0225, 52.6276, 57.3114**.

A 20% lighter version of the original color is **88.0373, 94.3838, 92.9347**, and **23.8563, 25.7774, 23.7969** is the 20% darker color. If you saturate the color by 10%, you get **46.7328, 51.9924, 41.1065**, and if you desaturate by 10%, it is **52.0965, 54.3003, 62.0131**.

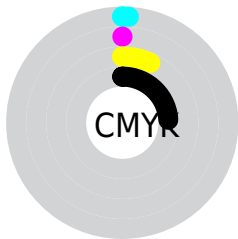
Distribution



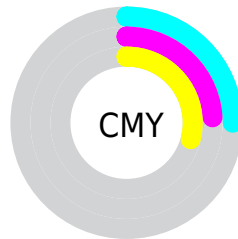
- Red (75%)
- Green (76%)
- Blue (71%)



- Red (71%)
- Yellow (76%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2682, 53.0853, 50.8298 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 49.2682, 53.0853, 50.8298 by changing the saturation by 10% instead.

■ 49.2682, 53.0853,
50.8298

■ 49.2682, 53.0853,
50.8298

374.2967,
398.6123, 406.7298

■ 35.0477, 37.8709,
35.6974

■ 88.2880, 94.7299,
92.8121

■ 23.8663, 25.8825,
23.9127

113.8180,
121.9288, 120.4990

■ 15.3587, 16.7357,
15.0573

143.8485,
153.8914, 153.2078

■ 9.1594, 10.0463,
8.7125

178.7449,
191.0019, 191.3572

■ 4.9033, 5.4296,
4.4599

218.8726,
233.6449, 235.3655

■ 2.2248, 2.5015,
1.8809

264.5969,

■ 0.7558, 0.8774,

282.2047, 285.6513

0.4805

316.2831,
337.0657, 342.6333

■ 0.0000, 0.0000,
0.0000

■ 49.2682, 53.0853,
50.8298

■ 49.2682, 53.0853,
50.8298

■ 46.7328, 51.9924,
41.1065

■ 52.0965, 54.3003,
62.0131

■ 44.4744, 51.0101,
32.7795

■ 55.2241, 55.6349,
74.7095

■ 42.4821, 50.1358,
25.7856

■ 58.6628, 57.0954,
88.9739

■ 40.7427, 49.3642,
20.0554

■ 62.0002, 58.5170,
102.6349

■ 39.2418, 48.6894,
15.5132

■ 62.7636, 58.9105,
102.6706

■ 37.9634, 48.1051,
12.0752

■ 63.5406, 59.3111,
102.7070

■ 36.8894, 47.6041,
9.6467

■ 64.3313, 59.7187,
102.7440

■ 35.9987, 47.1779,
8.1172

■ 65.1357, 60.1334,
102.7816

■ 35.2621, 46.8147,
7.3326

■ 65.9540, 60.5553,
102.8199

Harmonies

Analogous

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



50.6891, 53.0853, 50.1534



49.2682, 53.0853, 50.8298



48.1846, 53.0853, 53.3378

Triad

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



49.2682, 53.0853, 50.8298



48.8725, 53.0853, 64.6610



53.3055, 53.0853, 58.4699

Complementary

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



49.2682, 53.0853, 50.8298



45.3523, 46.4841, 57.6237

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.



52.7977, 53.0853, 62.5062



49.2682, 53.0853, 50.8298



50.2236, 53.0853, 66.1887

Square

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



49.2682, 53.0853, 50.8298



47.9593, 53.0853, 61.2979



51.6627, 53.0853, 65.3818



53.0379, 53.0853, 54.4394

Rectangle

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



49.2682, 53.0853, 50.8298



47.7898, 53.0853, 55.7774



51.6627, 53.0853, 65.3818



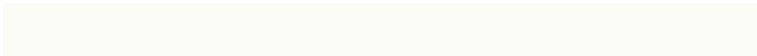
53.2196, 53.0853, 59.8727

Sweetspot

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



49.2697, 53.0876, 50.8309



91.8486, 97.2886, 102.2581



47.1888, 48.1674, 49.9909



20.1251, 21.3100, 22.4378



0.0000, 0.0000, 0.0000



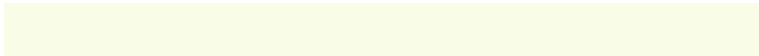
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2697, 53.0876, 50.8309



88.3347, 95.7781, 88.4952



47.5716, 52.2122, 50.7515



10.7672, 11.6830, 10.7494



23.1091, 30.7420, 4.7158



1.0381, 1.3487, 0.2056

Inverse Universe

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



45.3523, 46.4841, 57.6237



79.4617, 80.8204, 103.8816



47.0138, 47.3406, 57.7015



9.6594, 9.8156, 12.6703



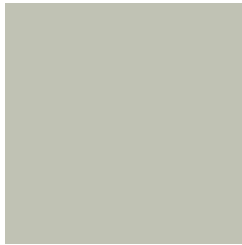
6.7553, 2.7429, 33.7300



0.3360, 0.1413, 1.4594

Previews

White Background



This preview shows how the XYZ color 49.2682, 53.0853, 50.8298 looks on a white background.

Color Contrast Check

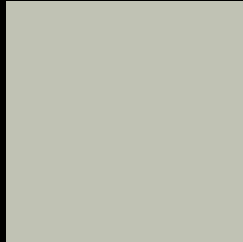
Large Text (above 18pt) WCAG AA × Fail

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 49.2682, 53.0853, 50.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

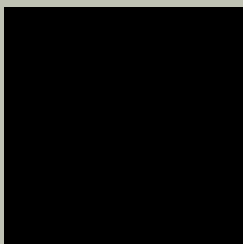
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

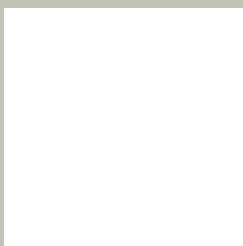
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2682, 53.0853, 50.8298

Background



This preview shows how black text looks on a background with the XYZ color 49.2682, 53.0853, 50.8298.



This preview shows how white text looks on a background with the XYZ color 49.2682, 53.0853,

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

49.2682, 53.0853, 50.8298

Protanopia

50.5395, 53.0961, 50.2327

Deuteranopia

54.0267, 52.9423, 51.6273



Tritanopia

52.1979, 52.9705, 65.2308

Trichromacy



Original Color

49.2682, 53.0853, 50.8298

Protanomaly

49.9716, 53.1304, 50.2692

Deuteranomaly

52.2702, 52.9968, 51.1905

Tritanomaly

51.1003, 52.8492, 59.7322

Monochromacy



Original Color

49.2682, 53.0853, 50.8298

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8853, 52.9772, 55.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2682, 53.0853, 50.8298 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(192, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 180)  
}
```

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(192, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 180) }
```

Border

The CSS property to change the border of an element to XYZ 49.2682, 53.0853, 50.8298 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(192, 194, 180) }
```


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

```
.border{ border-color:rgb(192, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 194, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 194, 180); box-shadow:4px 4px 4px 4px rgb(192, 194, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2682, 53.0853, 50.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 180) }
```

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

```
.background{ background-color: rgb(192,  
194, 180) }
```

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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