

Converting Colors

XYZ(50.4487, 56.0731, 53.6056)

Have a look what the booklet for
XYZ(50.4487, 56.0731, 53.6056)
contains.

XYZ(50.2774, 55.9253, 53.4922)	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(50.2774, 55.9253,
53.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC9B8
RGB	188, 201, 184
RGB Percent	74%, 79%, 72%
CMY	0.2627, 0.2117, 0.2784
CMYK	0.06, 0.00, 0.08, 0.21
HSL	106°, 14%, 75%
HSV	106°, 8%, 79%
XYZ	50.2774, 55.9253, 53.4922
YIQ	195.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

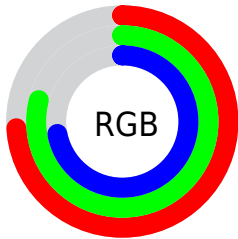
Format	Color
RYB	184, 201, 197
Decimal	12372408
CIELab	79.57, -7.57, 6.97
CIELCh	80, 10.289, 137.390
Yxy	55.9253, 0.3148, 0.3502
Android (android.graphics.Color)	4290562488 (0xFFBCC9B8)
YUV	195.1750, -5.5093, -6.2925
Hunter-Lab	74.7832, -10.8636, 9.9383

Details

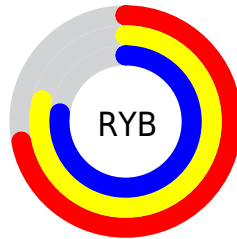
The XYZ color **50.2774, 55.9253, 53.4922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7112, 50.3699, 62.3108**, and the grayscale version is **52.0101, 54.7187, 59.5887**.

A 20% lighter version of the original color is **88.7964, 97.0444, 96.4894**, and **24.5221, 27.6570, 25.5186** is the 20% darker color. If you saturate the color by 10%, you get **44.7313, 53.2942, 43.0044**, and if you desaturate by 10%, it is **56.5295, 58.8890, 65.5782**.

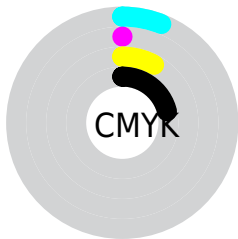
Distribution



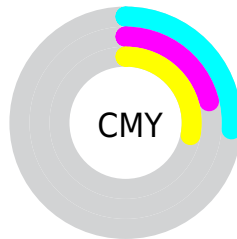
- Red (74%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (77%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2774, 55.9253, 53.4922 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 50.2774, 55.9253, 53.4922 by changing the saturation by 10% instead.

■ 50.2774, 55.9253,
53.4922

■ 50.2774, 55.9253,
53.4922

378.1838,
409.4099, 417.2904

■ 35.8526, 40.1430,
37.8054

■ 89.7751, 98.8953,
96.7771

■ 24.4899, 27.6501,
25.5310

115.5787,
126.8519, 125.2123

■ 15.8241, 18.0621,
16.2505

145.9059,
159.6354, 158.7341

■ 9.4899, 10.9945,
9.5453

181.1221,
197.6301, 197.7610

■ 5.1217, 6.0632,
4.9969

221.5926,
241.2206, 242.7115

■ 2.3543, 2.8835,
2.1867

267.6829,

■ 0.8223, 1.0712,

290.7911, 294.0042

0.6667

319.7582,
346.7261, 352.0577

■ 0.0000, 0.0000,
0.0000

■ 50.2774, 55.9253,
53.4922

■ 50.2774, 55.9253,
53.4922

■ 44.7313, 53.2942,
43.0044

■ 56.5295, 58.8890,
65.5782

■ 39.8613, 50.9769,
34.0444

■ 63.5067, 62.1889,
79.3216

■ 35.6424, 48.9637,
26.5419

■ 71.2333, 65.8379,
94.7829

■ 32.0460, 47.2414,
20.4199

■ 78.1796, 69.2254,
103.8491

■ 29.0416, 45.7963,
15.5940

■ 80.1777, 70.2554,
103.9426

■ 26.5956, 44.6130,
11.9707

■ 24.6710, 43.6748,
9.4441

■ 23.2259, 42.9627,
7.8896

■ 22.2029, 42.4515,
7.1127

Harmonies

Analogous

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



51.9737, 55.9253, 50.6430



50.2774, 55.9253, 53.4922



49.3623, 55.9253, 58.4365

Triad

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



50.2774, 55.9253, 53.4922



52.2905, 55.9253, 72.7175



57.0477, 55.9253, 57.5470

Complementary

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



50.2774, 55.9253, 53.4922



50.7112, 50.3699, 62.3108

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.



57.1379, 55.9253, 63.4176



50.2774, 55.9253, 53.4922



54.3547, 55.9253, 72.4407

Square

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



50.2774, 55.9253, 53.4922



50.5041, 55.9253, 69.6804



56.1410, 55.9253, 68.9471



55.8978, 55.9253, 52.8775

Rectangle

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



50.2774, 55.9253, 53.4922



49.3023, 55.9253, 62.3722



56.1410, 55.9253, 68.9471



57.2040, 55.9253, 59.4377

Sweetspot

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



50.2789, 55.9277, 53.4934



91.7228, 98.4243, 102.4426



52.6509, 55.6997, 53.3244



19.4462, 20.9786, 21.5669



0.0000, 0.0000, 0.0000



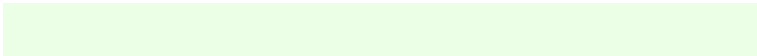
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2789, 55.9277, 53.4934



84.3985, 94.9522, 88.3746



49.7596, 55.6077, 55.8305



10.7271, 12.0063, 11.3148



13.9465, 26.6850, 4.4157



0.7270, 1.2979, 0.2122

Inverse Universe

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



50.7112, 50.3699, 62.3108



85.2754, 83.6758, 106.2643



51.2793, 50.7197, 59.7627



10.8298, 10.6861, 13.4093



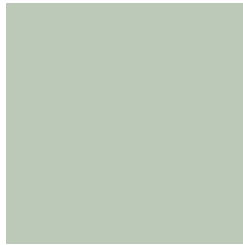
15.0586, 6.9973, 35.3013



0.7739, 0.3627, 1.6744

Previews

White Background



This preview shows how the XYZ color 50.2774, 55.9253, 53.4922 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 50.2774, 55.9253, 53.4922 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

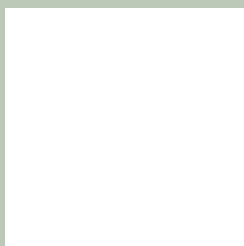
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2774, 55.9253, 53.4922

Background



This preview shows how black text looks on a background with the XYZ color 50.2774, 55.9253, 53.4922.



This preview shows how white text looks on a background with the XYZ color 50.2774, 55.9253,

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

50.2774, 55.9253, 53.4922

Protanopia

52.9823, 55.6534, 51.6658

Deuteranopia

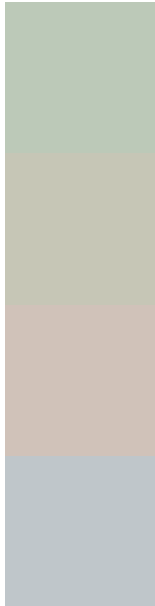
56.7916, 55.5877, 54.1906



Tritanopia

53.5881, 55.8924, 70.2513

Trichromacy



Original Color

50.2774, 55.9253, 53.4922

Protanomaly

51.9263, 55.7713, 52.2841

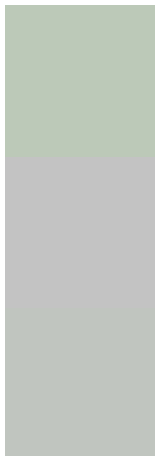
Deuteranomaly

54.0612, 55.4963, 53.7615

Tritanomaly

52.3406, 55.7288, 63.8752

Monochromacy



Original Color

50.2774, 55.9253, 53.4922

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.1085, 54.9006, 57.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2774, 55.9253, 53.4922 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(188, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 184)  
}
```

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(188, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 184) }
```

Border

The CSS property to change the border of an element to XYZ 50.2774, 55.9253, 53.4922 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(188, 201, 184) }
```


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

```
.border{ border-color:rgb(188, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 201, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 201, 184); box-shadow:4px 4px 4px 4px rgb(188, 201, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2774, 55.9253, 53.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 184) }
```

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

```
.background{ background-color: rgb(188,  
201, 184) }
```

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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