

Converting Colors

XYZ(50.7589, 52.1910, 53.3623)

Have a look what the booklet for
XYZ(50.7589, 52.1910, 53.3623)
contains.

XYZ(50.7740, 52.1773, 53.2941)	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(50.7740, 52.1773,
53.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BDB9
RGB	200, 189, 185
RGB Percent	78%, 74%, 73%
CMY	0.2157, 0.2588, 0.2745
CMYK	0.00, 0.05, 0.07, 0.22
HSL	16°, 12%, 75%
HSV	16°, 7%, 78%
XYZ	50.7740, 52.1773, 53.2941
YIQ	191.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

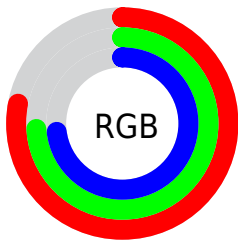
Format	Color
R_{YB}	200, 190, 185
Decimal	13155769
CIE Lab	77.39, 3.17, 3.39
CIE LCh	77, 4.645, 46.957
Yxy	52.1773, 0.3250, 0.3339
Android (android.graphics.Color)	4291345849 (0xFFC8BDB9)
YUV	191.8330, -3.3687, 7.1625
Hunter-Lab	72.2339, -0.9396, 6.8196

Details

The XYZ color **50.7740, 52.1773, 53.2941** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1728, 53.9636, 62.4160**, and the grayscale version is **50.0225, 52.6276, 57.3115**.

A 20% lighter version of the original color is **89.7696, 92.9157, 96.4222**, and **24.8231, 25.3853, 25.4213** is the 20% darker color. If you saturate the color by 10%, you get **45.8137, 45.4008, 41.9465**, and if you desaturate by 10%, it is **56.3532, 59.7150, 66.3146**.

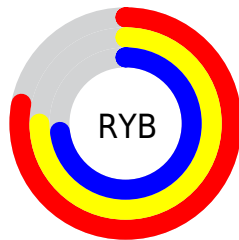
Distribution



Red (78%)

Green (74%)

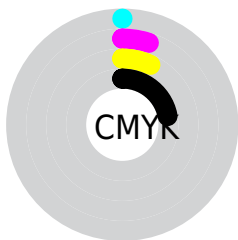
Blue (73%)



Red (78%)

Yellow (75%)

Blue (73%)

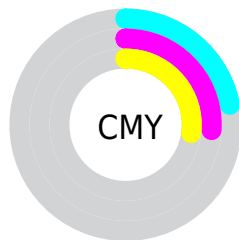


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7740, 52.1773, 53.2941 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 50.7740, 52.1773, 53.2941 by changing the saturation by 10% instead.

■ 50.7740, 52.1773,
53.2941

■ 50.7740, 52.1773,
53.2941

380.0872,
395.1207, 416.5107

■ 36.2491, 37.1464,
37.6483

■ 90.5056, 93.3927,
96.4829

■ 24.7976, 25.3209,
25.4101

116.4430,
120.3459, 124.8630

■ 16.0543, 16.3163,
16.1611

146.9153,
152.0421, 158.3249

■ 9.6537, 9.7482,
9.4826

182.2878,
188.8656, 197.2872

■ 5.2304, 5.2324,
4.9562

222.9259,
231.2009, 242.1683

■ 2.4192, 2.3842,
2.1633

269.1949,

■ 0.8547, 0.8178,

279.4322, 293.3870

0.6531

321.4602,
333.9440, 351.3616

■ 0.0000, 0.0000,
0.0000

■ 50.7740, 52.1773,
53.2941

■ 50.7740, 52.1773,
53.2941

■ 45.8137, 45.4008,
41.9465

■ 56.3532, 59.7150,
66.3146

■ 41.4461, 39.3547,
32.2003

■ 62.5675, 68.0296,
81.0687

■ 37.6496, 34.0165,
23.9839

■ 69.4380, 77.1453,
97.6184

■ 34.3996, 29.3595,
17.2187

■ 75.3308, 86.4217,
107.3184

■ 31.6696, 25.3556,
11.8194

■ 77.6297, 91.0195,
108.0847

■ 29.4306, 21.9746,
7.6915

■ 27.6507, 19.1836,
4.7281

■ 26.2936, 16.9466,
2.8049

■ 25.3124, 15.2211,
1.7474

Harmonies

Analogous

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



51.2533, 52.1773, 55.3903



50.7740, 52.1773, 53.2941



49.9814, 52.1773, 52.1557

Triad

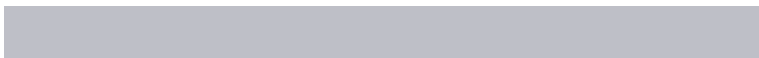
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.7740, 52.1773, 53.2941



47.9392, 52.1773, 55.7098



50.0953, 52.1773, 61.6462

Complementary

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



50.7740, 52.1773, 53.2941



50.1728, 53.9636, 62.4160

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.



49.2065, 52.1773, 61.7380



50.7740, 52.1773, 53.2941



47.9689, 52.1773, 58.2583

Square

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



50.7740, 52.1773, 53.2941



48.3488, 52.1773, 53.5219



48.4304, 52.1773, 60.4818



50.8583, 52.1773, 60.2346

Rectangle

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



50.7740, 52.1773, 53.2941



49.3853, 52.1773, 52.0701



48.4304, 52.1773, 60.4818



49.8012, 52.1773, 61.8338

Sweetspot

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



50.7755, 52.1796, 53.2952



93.0585, 97.3135, 104.2390



51.1329, 50.9636, 59.3673



19.9392, 20.8573, 22.3602



0.0000, 0.0000, 0.0000



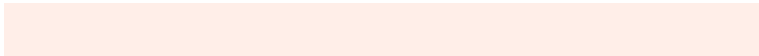
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7755, 52.1796, 53.2952



86.4381, 88.3401, 88.8767



52.4300, 55.4887, 53.8467



10.8603, 11.0898, 11.1309



16.0295, 9.5762, 1.0035



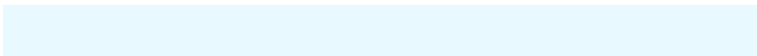
0.8205, 0.5765, 0.0680

Inverse Universe

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



50.1728, 53.9636, 62.4160



85.1820, 92.0582, 107.8872



48.5239, 50.6657, 61.8663



10.6980, 11.5701, 13.5869



13.3025, 15.9989, 37.1313



0.6871, 0.8720, 1.7772

Previews

White Background



This preview shows how the XYZ color 50.7740, 52.1773, 53.2941 looks on a white background.

Color Contrast Check

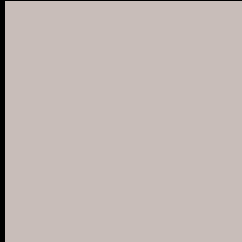
Large Text (above 18pt) WCAG AA × Fail

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 50.7740, 52.1773, 53.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

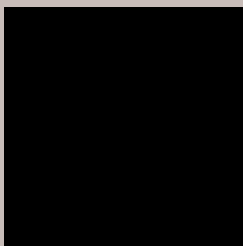
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

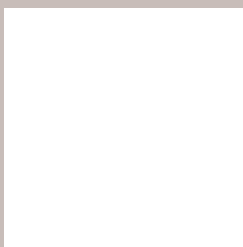
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7740, 52.1773, 53.2941

Background



This preview shows how black text looks on a background with the XYZ color 50.7740, 52.1773, 53.2941.



This preview shows how white text looks on a background with the XYZ color 50.7740, 52.1773,

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

50.7740, 52.1773, 53.2941

Protanopia

50.0413, 52.1078, 53.8747

Deuteranopia

53.3633, 52.2401, 53.7252



Tritanopia

52.6701, 52.3143, 62.5800

Trichromacy



Original Color

50.7740, 52.1773, 53.2941

Protanomaly

50.3023, 52.2424, 53.8869

Deuteranomaly

52.4343, 52.0729, 53.7419

Tritanomaly

51.9209, 52.3241, 58.9928

Monochromacy



Original Color

50.7740, 52.1773, 53.2941

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.3218, 52.5378, 55.6327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7740, 52.1773, 53.2941 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, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 185)  
}
```

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, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.7740, 52.1773, 53.2941 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, 189, 185) }
```


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

```
.border{ border-color:rgb(200, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7740, 52.1773, 53.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 189, 185) }
```

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

```
.background{ background-color: rgb(200,  
189, 185) }
```

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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