

Converting Colors

XYZ(53.6785, 56.6148, 53.2269)

Have a look what the booklet for
XYZ(53.6785, 56.6148, 53.2269)
contains.

XYZ(53.7477, 56.6862, 53.4561)	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(53.7477, 56.6862,
53.4561)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC6B8
RGB	204, 198, 184
RGB Percent	80%, 78%, 72%
CMY	0.2000, 0.2235, 0.2784
CMYK	0.00, 0.03, 0.10, 0.20
HSL	42°, 16%, 76%
HSV	42°, 10%, 80%
XYZ	53.7477, 56.6862, 53.4561
YIQ	198.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

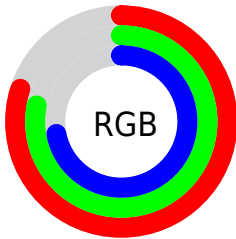
Format	Color
RYB	193, 204, 184
Decimal	13420216
CIELab	80.00, -0.34, 7.75
CIELCh	80, 7.753, 92.478
Yxy	56.6862, 0.3279, 0.3459
Android (android.graphics.Color)	4291610296 (0xFFCCC6B8)
YUV	198.1980, -6.9996, 5.0884
Hunter-Lab	75.2902, -4.3315, 10.6072

Details

The XYZ color **53.7477, 56.6862, 53.4561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0797, 51.3762, 64.4573**, and the grayscale version is **53.8360, 56.6397, 61.6806**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **26.6477, 28.0692, 25.4862** is the 20% darker color. If you saturate the color by 10%, you get **50.3922, 53.1538, 42.5372**, and if you desaturate by 10%, it is **57.4712, 60.4599, 66.0205**.

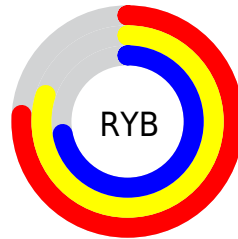
Distribution



Red (80%)

Green (78%)

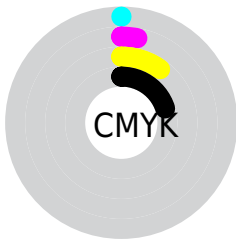
Blue (72%)



Red (76%)

Yellow (80%)

Blue (72%)

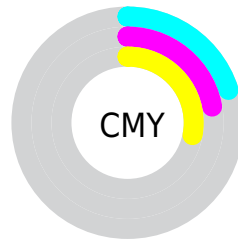


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7477, 56.6862, 53.4561 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 53.7477, 56.6862, 53.4561 by changing the saturation by 10% instead.

■ 53.7477, 56.6862,
53.4561

■ 53.7477, 56.6862,
53.4561

391.3613,
412.2724, 417.1484

■ 38.6299, 40.7534,
37.7768

■ 94.8628, 100.0072,
96.7235

■ 26.6513, 28.1264,
25.5090

121.5907,
128.1641, 125.1487

■ 17.4468, 18.4210,
16.2342

152.9194,
161.1645, 158.6596

■ 10.6508, 11.2526,
9.5339

189.2141,
199.3927, 197.6747

■ 5.8981, 6.2370,
4.9895

230.8403,
243.2333, 242.6126

■ 2.8233, 2.9897,
2.1825

278.1634,

■ 1.0610, 1.1264,

293.0705, 293.8918

0.6642

331.5486,
349.2887, 351.9309

■ 0.0000, 0.0003,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7477, 56.6862,
53.4561

■ 53.7477, 56.6862,
53.4561

■ 50.3922, 53.1538,
42.5372

■ 57.4712, 60.4599,
66.0205

■ 47.3863, 49.8487,
33.1908

■ 61.5711, 64.4736,
80.2919

■ 44.7167, 46.7663,
25.3436

■ 66.0611, 68.7358,
96.3334

■ 42.3676, 43.8992,
18.9153

■ 69.1986, 72.5504,
104.9642

■ 40.3215, 41.2394,
13.8176

■ 70.8573, 75.8678,
105.5171

■ 38.5592, 38.7779,
9.9528

■ 72.5756, 79.3045,
106.0899

■ 37.0589, 36.5050,
7.2092

■ 74.3541, 82.8615,
106.6827

■ 35.7948, 34.4091,
5.4548

■ 76.1934, 86.5400,
107.2958

■ 34.7204, 32.4705,
4.4490

■ 78.0941, 90.3413,
107.9294

Harmonies

Analogous

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



55.2900, 56.6862, 54.3454



53.7477, 56.6862, 53.4561



52.2687, 56.6862, 54.6906

Triad

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



53.7477, 56.6862, 53.4561



51.3640, 56.6862, 66.4968



56.6090, 56.6862, 65.8166

Complementary

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



53.7477, 56.6862, 53.4561



49.0797, 51.3762, 64.4573

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.



55.5211, 56.6862, 69.3309



53.7477, 56.6862, 53.4561



52.4913, 56.6862, 69.7369

Square

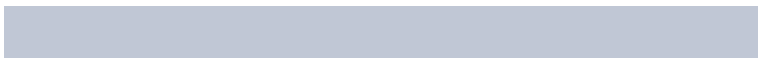
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.7477, 56.6862, 53.4561



50.9094, 56.6862, 62.0974



54.0096, 56.6862, 70.7981



56.9610, 56.6862, 61.3474

Rectangle

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



53.7477, 56.6862, 53.4561



51.5122, 56.6862, 56.5886



54.0096, 56.6862, 70.7981



56.3162, 56.6862, 67.1560

Sweetspot

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



53.7493, 56.6887, 53.4573



93.1152, 98.0623, 102.2994



51.3374, 50.8369, 55.8227



19.8219, 20.8799, 21.5281



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.



53.7493, 56.6887, 53.4573



87.6516, 92.4689, 84.0343



54.0648, 58.9266, 53.8726



11.8589, 12.5067, 11.8684



21.9252, 20.5833, 2.8174



1.1955, 1.1907, 0.1668

Inverse Universe

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



49.0797, 51.3762, 64.4573



78.2164, 81.7350, 106.2617



48.7794, 49.3328, 64.0788



10.8714, 11.3832, 14.1946



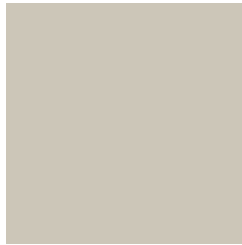
7.9876, 4.9993, 36.5002



0.4790, 0.3918, 1.9053

Previews

White Background



This preview shows how the XYZ color 53.7477, 56.6862, 53.4561 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 53.7477, 56.6862, 53.4561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

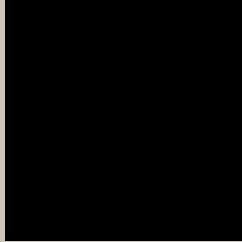
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

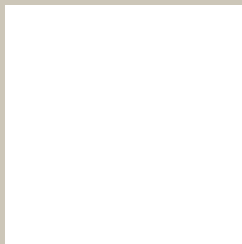
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7477, 56.6862, 53.4561

Background



This preview shows how black text looks on a background with the XYZ color 53.7477, 56.6862, 53.4561.

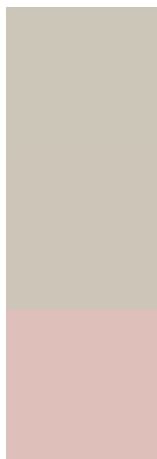


This preview shows how white text looks on a background with the XYZ color 53.7477, 56.6862,

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

53.7477, 56.6862, 53.4561

Protanopia

54.0227, 56.8280, 53.4690

Deuteranopia

57.5120, 56.2940, 53.7336



Tritanopia

56.9371, 56.6466, 68.9058

Trichromacy



Original Color

53.7477, 56.6862, 53.4561

Protanomaly

54.0227, 56.8280, 53.4690

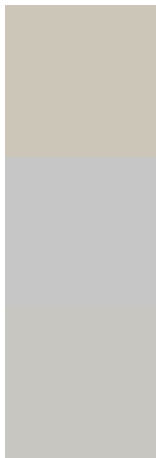
Deuteranomaly

56.0731, 56.5334, 53.8556

Tritanomaly

55.7898, 56.5127, 63.2259

Monochromacy



Original Color

53.7477, 56.6862, 53.4561

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6391, 56.5178, 58.5340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7477, 56.6862, 53.4561 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(204, 198, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 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(204, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 184) }
```

Border

The CSS property to change the border of an element to XYZ 53.7477, 56.6862, 53.4561 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(204, 198, 184) }
```


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

```
.border{ border-color:rgb(204, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7477, 56.6862, 53.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 184) }
```

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

```
.background{ background-color: rgb(204,  
198, 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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