

Converting Colors

XYZ(47.4517, 50.8384, 53.9936)

Have a look what the booklet for
XYZ(47.4517, 50.8384, 53.9936)
contains.

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Color

**XYZ(47.2840, 50.6864,
53.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BEBA
RGB	185, 190, 186
RGB Percent	73%, 75%, 73%
CMY	0.2745, 0.2549, 0.2706
CMYK	0.03, 0.00, 0.02, 0.25
HSL	132°, 4%, 74%
HSV	132°, 3%, 75%
XYZ	47.2840, 50.6864, 53.7457
YIQ	188.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

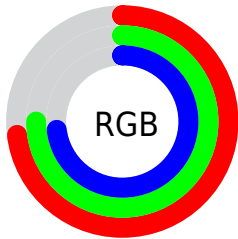
Format	Color
RYB	185, 189, 190
Decimal	12172986
CIELab	76.49, -2.48, 1.40
CIELCh	76, 2.845, 150.470
Yxy	50.6864, 0.3117, 0.3341
Android (android.graphics.Color)	4290363066 (0xFFB9BEBA)
YUV	188.0490, -1.0102, -2.6740
Hunter-Lab	71.1944, -6.0388, 5.0772

Details

The XYZ color **47.2840, 50.6864, 53.7457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7714, 49.3206, 55.1487**, and the grayscale version is **47.8353, 50.3264, 54.8055**.

A 20% lighter version of the original color is **85.2584, 91.0231, 97.0800**, and **22.6950, 24.4903, 25.7212** is the 20% darker color. If you saturate the color by 10%, you get **41.4720, 47.8686, 45.4813**, and if you desaturate by 10%, it is **53.8834, 53.8932, 62.9468**.

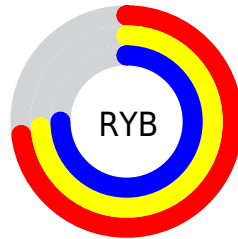
Distribution



Red (73%)

Green (75%)

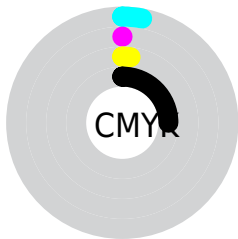
Blue (73%)



Red (73%)

Yellow (74%)

Blue (75%)

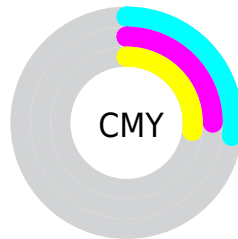


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2840, 50.6864, 53.7457 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 47.2840, 50.6864, 53.7457 by changing the saturation by 10% instead.

■ 47.2840, 50.6864,
53.7457

■ 47.2840, 50.6864,
53.7457

366.5770,
389.3442, 418.2867

■ 33.4691, 35.9591,
38.0066

■ 85.3536, 91.1911,
97.1534

■ 22.6470, 24.4026,
25.6859

110.3389,
117.7372, 125.6591

■ 14.4523, 15.6325,
16.3652

139.7785,
148.9917, 159.2573

■ 8.5197, 9.2645,
9.6258

174.0377,
185.3390, 198.3668

■ 4.4839, 4.9141,
5.0492

213.4817,
227.1636, 243.4059

■ 1.9793, 2.1970,
2.2169

258.4761,

■ 0.6223, 0.7183,

274.8496, 294.7932

0.6841

309.3861,
328.7817, 352.9473

■ 0.0000, 0.0000,
0.0000

■ 47.2840, 50.6864,
53.7457

■ 47.2840, 50.6864,
53.7457

■ 41.4720, 47.8686,
45.4813

■ 53.8834, 53.8932,
62.9468

■ 36.4137, 45.4186,
38.1209

■ 61.2939, 57.4962,
73.1092

■ 32.0792, 43.3232,
31.6347

■ 69.5434, 61.5106,
84.2609

■ 28.4349, 41.5656,
25.9902

■ 76.4140, 64.7927,
96.3227

■ 25.4446, 40.1280,
21.1528

■ 77.7044, 65.3089,
103.1181

■ 23.0687, 38.9907,
17.0854

■ 21.2631, 38.1319,
13.7483

■ 19.9778, 37.5267,
11.0978

■ 19.1536, 37.1455,
9.0856

Harmonies

Analogous

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



47.6548, 50.6864, 52.6818



47.2840, 50.6864, 53.7457



47.1518, 50.6864, 55.2131

Triad

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



47.2840, 50.6864, 53.7457



48.1844, 50.6864, 58.1958



49.0704, 50.6864, 53.7044

Complementary

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



47.2840, 50.6864, 53.7457



47.7714, 49.3206, 55.1487

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.



49.2147, 50.6864, 55.1646



47.2840, 50.6864, 53.7457



48.7008, 50.6864, 57.7742

Square

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



47.2840, 50.6864, 53.7457



47.6693, 50.6864, 57.7993



49.0790, 50.6864, 56.6577



48.6861, 50.6864, 52.6583

Rectangle

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



47.2840, 50.6864, 53.7457



47.2160, 50.6864, 56.2284



49.0790, 50.6864, 56.6577



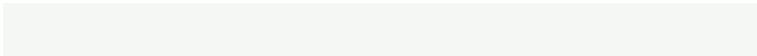
49.1487, 50.6864, 54.1622

Sweetspot

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



47.2854, 50.6886, 53.7468



87.5191, 92.7413, 99.9715



48.1795, 51.1617, 53.2356



19.2312, 20.3714, 21.9708



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.2854, 50.6886, 53.7468



85.2181, 91.6243, 96.7364



47.5448, 50.7923, 55.1128



10.2092, 11.0315, 11.5636



12.4992, 24.5900, 5.4258



0.5131, 0.9726, 0.3363

Inverse Universe

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



47.7714, 49.3206, 55.1487



86.2348, 88.7622, 99.6694



47.5109, 49.2164, 53.7771



10.3593, 10.6090, 11.9965



17.9185, 8.7985, 20.6620



0.7230, 0.3531, 0.9208

Previews

White Background



This preview shows how the XYZ color 47.2840, 50.6864, 53.7457 looks on a white background.

Color Contrast Check

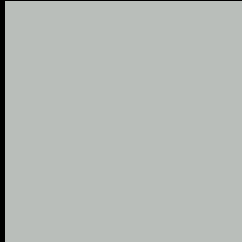
Large Text (above 18pt) WCAG AA × Fail

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 47.2840, 50.6864, 53.7457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

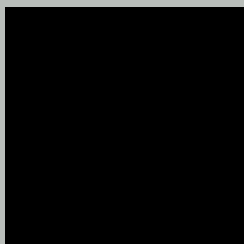
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

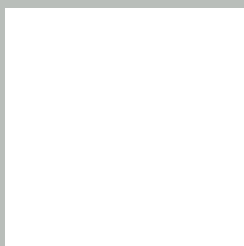
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2840, 50.6864, 53.7457

Background



This preview shows how black text looks on a background with the XYZ color 47.2840, 50.6864, 53.7457.



This preview shows how white text looks on a background with the XYZ color 47.2840, 50.6864,

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

47.2840, 50.6864, 53.7457

Protanopia

48.7325, 50.8067, 53.1371

Deuteranopia

51.6353, 50.7202, 54.0822



Tritanopia

49.3829, 50.9221, 63.1033

Trichromacy



Original Color

47.2840, 50.6864, 53.7457

Protanomaly

48.1898, 50.8451, 53.1732

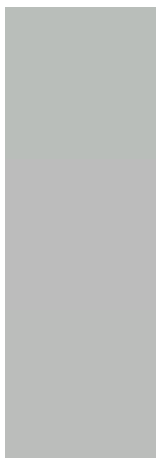
Deuteranomaly

50.0817, 50.8478, 54.1887

Tritanomaly

48.6549, 50.9455, 59.4936

Monochromacy



Original Color

47.2840, 50.6864, 53.7457

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6608, 50.5478, 54.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2840, 50.6864, 53.7457 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(185, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 186)  
}
```

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(185, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.2840, 50.6864, 53.7457 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(185, 190, 186) }
```


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

```
.border{ border-color:rgb(185, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 190,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2840, 50.6864, 53.7457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 186) }
```

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

```
.background{ background-color: rgb(185,  
190, 186) }
```

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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