

Converting Colors

XYZ(49.1599, 51.4074, 57.8771)

Have a look what the booklet for
XYZ(49.1599, 51.4074, 57.8771)
contains.

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Color

**XYZ(49.2743, 51.6243,
57.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBEC1
RGB	190, 190, 193
RGB Percent	75%, 75%, 76%
CMY	0.2549, 0.2549, 0.2431
CMYK	0.02, 0.02, 0.00, 0.24
HSL	240°, 2%, 75%
HSV	240°, 2%, 76%
XYZ	49.2743, 51.6243, 57.8195
YIQ	190.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

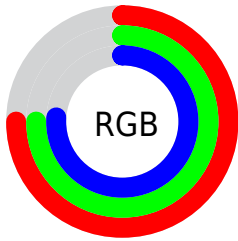
Format	Color
R_{YB}	190, 190, 193
Decimal	12500673
CIE Lab	77.06, 0.56, -1.52
CIE LCh	77, 1.618, 290.367
Yxy	51.6243, 0.3105, 0.3253
Android (android.graphics.Color)	4290690753 (0xFFBEBEC1)
YUV	190.3420, 1.3104, -0.2999
Hunter-Lab	71.8501, -3.3234, 2.5829

Details

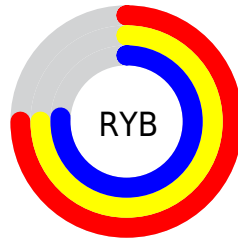
The XYZ color **49.2743, 51.6243, 57.8195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3566, 53.1945, 56.3295**, and the grayscale version is **49.1350, 51.6938, 56.2946**.

A 20% lighter version of the original color is **88.0607, 92.3439, 102.8054**, and **23.9958, 25.1031, 28.3916** is the 20% darker color. If you saturate the color by 10%, you get **40.8663, 41.4965, 56.3086**, and if you desaturate by 10%, it is **58.8760, 63.1904, 59.5467**.

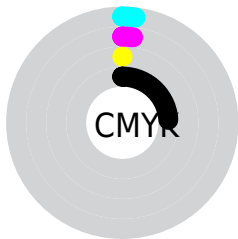
Distribution



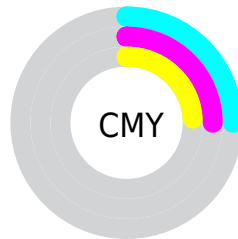
- Red (75%)
- Green (75%)
- Blue (76%)



- Red (75%)
- Yellow (75%)
- Blue (76%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2743, 51.6243, 57.8195 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 49.2743, 51.6243, 57.8195 by changing the saturation by 10% instead.

■ 49.2743, 51.6243,
57.8195

■ 49.2743, 51.6243,
57.8195

374.3203,
392.9845, 434.0925

■ 35.0526, 36.7057,
41.2498

■ 88.2970, 92.5769,
103.1721

■ 23.8701, 24.9797,
28.1932

113.8286,
119.3797, 132.7922

■ 15.3615, 16.0619,
18.2310

143.8610,
150.9127, 167.5994

■ 9.1614, 9.5680,
10.9448

178.7593,
187.5603, 208.0124

■ 4.9046, 5.1135,
5.9160

218.8891,
229.7069, 254.4496

■ 2.2256, 2.3140,
2.7261

264.6156,

■ 0.7562, 0.7811,

277.7369, 307.3297

0.9565

316.3042,
332.0346, 367.0711

■ 0.0000, 0.0000,
0.0000

■ 49.2743, 51.6243,
57.8195

■ 49.2743, 51.6243,
57.8195

■ 40.8663, 41.4965,
56.3086

■ 58.8760, 63.1904,
59.5467

■ 33.6011, 32.7446,
55.0022

■ 69.7110, 76.2409,
61.4946

■ 27.4308, 25.3111,
53.8926

■ 81.8221, 90.8283,
63.6720

■ 22.3024, 19.1322,
52.9702

■ 86.6258, 96.6303,
64.5387

■ 18.1584, 14.1388,
52.2248

■ 14.9357, 10.2550,
51.6450

■ 12.5641, 7.3962,
51.2182

■ 10.9632, 5.4657,
50.9300

■ 10.0372, 4.3482,
50.7631

Harmonies

Analogous

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



48.9680, 51.6243, 57.9034



49.2743, 51.6243, 57.8195



49.5261, 51.6243, 57.3018

Triad

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



49.2743, 51.6243, 57.8195



49.4471, 51.6243, 54.9105



48.4842, 51.6243, 55.9260

Complementary

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



49.2743, 51.6243, 57.8195



50.3566, 53.1945, 56.3295

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.



48.6115, 51.6243, 55.1323



49.2743, 51.6243, 57.8195



49.1668, 51.6243, 54.5501

Square

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



49.2743, 51.6243, 57.8195



49.6261, 51.6243, 55.6203



48.8610, 51.6243, 54.6308



48.5128, 51.6243, 56.8040

Rectangle

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



49.2743, 51.6243, 57.8195



49.6288, 51.6243, 56.7834



48.8610, 51.6243, 54.6308



48.5102, 51.6243, 55.6406

Sweetspot

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



49.2758, 51.6265, 57.8206



90.7827, 95.5105, 104.0109



49.9260, 52.9359, 58.0099



19.4759, 20.4902, 22.3138



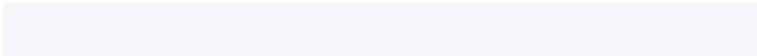
92.9021, 97.7402, 106.4391

Same Dimension

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



49.2758, 51.6265, 57.8206



87.4860, 91.5394, 103.4182



49.6391, 51.8128, 57.8374



10.9573, 11.4700, 12.9212



6.4040, 2.5645, 33.7141



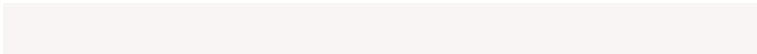
0.2770, 0.1114, 1.4568

Inverse Universe

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



49.7012, 51.8830, 56.1127



88.4785, 92.1380, 99.4330



49.9895, 53.0062, 56.3125



11.0718, 11.5390, 12.4616



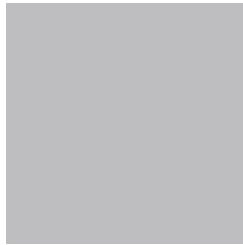
14.6284, 7.5411, 0.6894



0.6322, 0.3259, 0.0306

Previews

White Background



This preview shows how the XYZ color 49.2743, 51.6243, 57.8195 looks on a white background.

Color Contrast Check

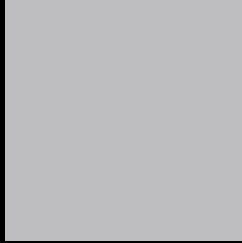
Large Text (above 18pt) WCAG AA × Fail

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 49.2743, 51.6243, 57.8195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

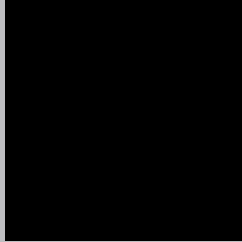
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

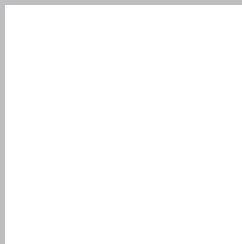
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2743, 51.6243, 57.8195

Background



This preview shows how black text looks on a background with the XYZ color 49.2743, 51.6243, 57.8195.

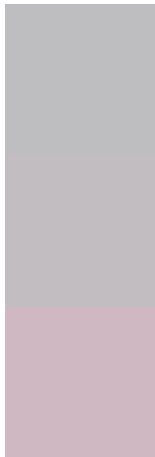


This preview shows how white text looks on a background with the XYZ color 49.2743, 51.6243,

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

49.2743, 51.6243, 57.8195

Protanopia

49.8156, 51.5829, 57.7830

Deuteranopia

52.6102, 51.4414, 58.1953



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

49.2743, 51.6243, 57.8195

Protanomaly

49.5615, 51.4519, 57.7711

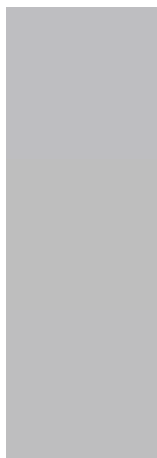
Deuteranomaly

51.3839, 51.4304, 58.2578

Tritanomaly

49.9923, 51.5951, 61.3568

Monochromacy



Original Color

49.2743, 51.6243, 57.8195

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0526, 51.5356, 56.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2743, 51.6243, 57.8195 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(190, 190, 193) looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 193)  
}
```

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(190, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 193) }
```

Border

The CSS property to change the border of an element to XYZ 49.2743, 51.6243, 57.8195 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(190, 190, 193) }
```

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

```
.border{ border-color:rgb(190, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
193) }
```


Background

The CSS property to change the background color of an element to XYZ 49.2743, 51.6243, 57.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 193) }
```

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

```
.background{ background-color: rgb(190,  
190, 193) }
```

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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