

Converting Colors

XYZ(49.1036, 52.9670, 60.9067)

Have a look what the booklet for
XYZ(49.1036, 52.9670, 60.9067)
contains.

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Color

**XYZ(49.2366, 53.1747,
61.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C3C6
RGB	183, 195, 198
RGB Percent	72%, 76%, 78%
CMY	0.2823, 0.2353, 0.2235
CMYK	0.08, 0.02, 0.00, 0.22
HSL	192°, 12%, 75%
HSV	192°, 8%, 78%
XYZ	49.2366, 53.1747, 61.0948
YIQ	191.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

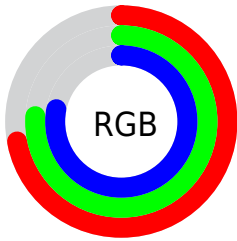
Format	Color
RYB	183, 190, 198
Decimal	12043206
CIELab	77.98, -3.52, -2.93
CIELCh	78, 4.575, 219.800
Yxy	53.1747, 0.3011, 0.3252
Android (android.graphics.Color)	4290233286 (0xFFB7C3C6)
YUV	191.7540, 3.0793, -7.6773
Hunter-Lab	72.9210, -7.0877, 1.3702

Details

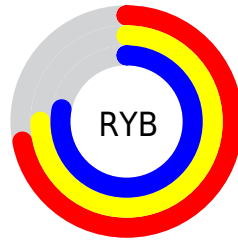
The XYZ color **49.2366, 53.1747, 61.0948** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3951, 50.5422, 51.9529**, and the grayscale version is **49.9467, 52.5479, 57.2246**.

A 20% lighter version of the original color is **88.4570, 95.1915, 108.3194**, and **23.7648, 25.8092, 30.1147** is the 20% darker color. If you saturate the color by 10%, you get **43.9801, 49.1677, 60.5993**, and if you desaturate by 10%, it is **55.1822, 57.5747, 61.6315**.

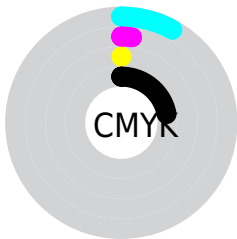
Distribution



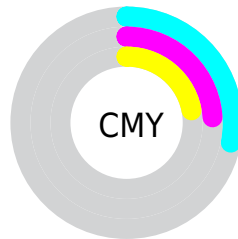
- Red (72%)
- Green (76%)
- Blue (78%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2366, 53.1747, 61.0948 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 49.2366, 53.1747, 61.0948 by changing the saturation by 10% instead.

■ 49.2366, 53.1747,
61.0948

■ 49.2366, 53.1747,
61.0948

374.1745,
398.9550, 446.5377

■ 35.0225, 37.9423,
43.8706

■ 88.2414, 94.8614,
107.9751

■ 23.8468, 25.9379,
30.2324

113.7628,
122.0844, 138.4682

■ 15.3441, 16.7772,
19.7615

143.7840,
154.0731, 174.2215

■ 9.1492, 10.0757,
12.0394

178.6703,
191.2118, 215.6533

■ 4.8965, 5.4492,
6.6477

218.7872,
233.8850, 263.1823

■ 2.2208, 2.5132,
3.1677

264.5000,

■ 0.7537, 0.8832,

282.4770, 317.2270

1.1809

316.1740,
337.3722, 378.2060

■ 0.0000, 0.0000,
0.0000

■ 49.2366, 53.1747,
61.0948

■ 49.2366, 53.1747,
61.0948

■ 43.9801, 49.1677,
60.5993

■ 55.1822, 57.5747,
61.6315

■ 39.3804, 45.5325,
60.1400

■ 61.8384, 62.3746,
62.2072

■ 35.4094, 42.2558,
59.7168

■ 69.2314, 67.5898,
62.8242

■ 32.0352, 39.3208,
59.3282

■ 74.6850, 71.8409,
63.3573

■ 29.2230, 36.7092,
58.9723

■ 75.6790, 73.8288,
63.6886

■ 26.9341, 34.4010,
58.6474

■ 76.6973, 75.8654,
64.0280

■ 25.1250, 32.3733,
58.3514

■ 77.7401, 77.9511,
64.3756

■ 23.7447, 30.5996,
58.0818

■ 78.8076, 80.0861,
64.7315

■ 22.7202, 29.0420,
57.8351

■ 79.9000, 82.2709,
65.0956

Harmonies

Analogous

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



48.8721, 53.1747, 58.7370



49.2366, 53.1747, 61.0948



49.9519, 53.1747, 62.6242

Triad

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



49.2366, 53.1747, 61.0948



52.1653, 53.1747, 59.6084



50.2500, 53.1747, 53.1983

Complementary

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



49.2366, 53.1747, 61.0948



49.3951, 50.5422, 51.9529

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.



51.1346, 53.1747, 53.4161



49.2366, 53.1747, 61.0948



52.2474, 53.1747, 57.0674

Square

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



49.2366, 53.1747, 61.0948



51.6451, 53.1747, 61.7487



51.8681, 53.1747, 54.8151



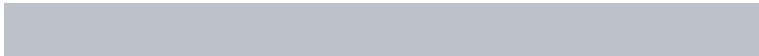
49.4526, 53.1747, 54.2112

Rectangle

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



49.2366, 53.1747, 61.0948



50.5350, 53.1747, 62.9426



51.8681, 53.1747, 54.8151



50.5469, 53.1747, 53.1308

Sweetspot

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



49.2381, 53.1769, 61.0960



92.8743, 98.3971, 108.7053



48.5598, 53.9909, 54.1780



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



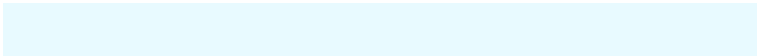
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2381, 53.1769, 61.0960



85.6595, 93.0133, 108.0464



47.6522, 50.0052, 60.5673



10.7598, 11.6936, 13.6075



14.6904, 18.7747, 37.5940



0.7427, 0.9832, 1.7958

Inverse Universe

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



50.0737, 49.8139, 58.6082



87.4311, 85.9295, 102.7616



50.9621, 53.6761, 52.4752



10.9888, 10.7789, 12.9241



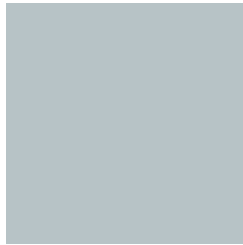
19.2144, 9.4353, 22.1365



0.9336, 0.4563, 1.1734

Previews

White Background



This preview shows how the XYZ color 49.2366, 53.1747, 61.0948 looks on a white background.

Color Contrast Check

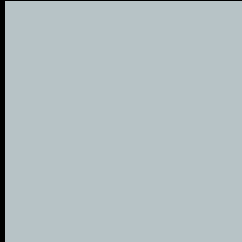
Large Text (above 18pt) WCAG AA × Fail

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 49.2366, 53.1747, 61.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

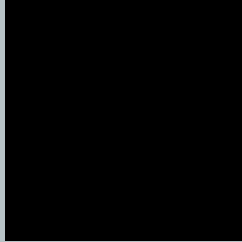
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

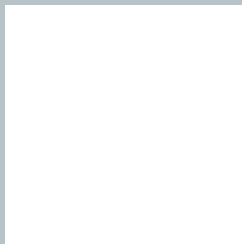
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2366, 53.1747, 61.0948

Background



This preview shows how black text looks on a background with the XYZ color 49.2366, 53.1747, 61.0948.



This preview shows how white text looks on a background with the XYZ color 49.2366, 53.1747,

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

49.2366, 53.1747, 61.0948

Protanopia

51.3191, 53.2869, 59.8051

Deuteranopia

54.2081, 53.1207, 62.0398



Tritanopia

50.5862, 53.0577, 67.8966

Trichromacy



Original Color

49.2366, 53.1747, 61.0948

Protanomaly

50.6339, 53.2475, 60.4324

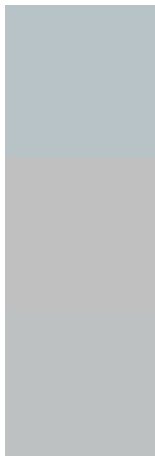
Deuteranomaly

52.2754, 53.0925, 61.5255

Tritanomaly

50.0784, 53.1817, 65.3833

Monochromacy



Original Color

49.2366, 53.1747, 61.0948

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7938, 52.8538, 58.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2366, 53.1747, 61.0948 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(183, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 198)  
}
```

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(183, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.2366, 53.1747, 61.0948 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(183, 195, 198) }
```


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

```
.border{ border-color:rgb(183, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2366, 53.1747, 61.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 198) }
```

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

```
.background{ background-color: rgb(183,  
195, 198) }
```

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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