

Converting Colors

XYZ(47.1289, 50.9167, 54.3577)

Have a look what the booklet for
XYZ(47.1289, 50.9167, 54.3577)
contains.

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Color

**XYZ(47.1289, 50.9167,
54.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BFBB
RGB	183, 191, 187
RGB Percent	72%, 75%, 73%
CMY	0.2823, 0.2510, 0.2667
CMYK	0.04, 0.00, 0.02, 0.25
HSL	150°, 6%, 73%
HSV	150°, 4%, 75%
XYZ	47.1289, 50.9167, 54.3577
YIQ	188.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

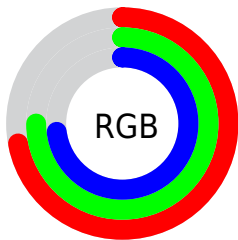
Format	Color
RYB	183, 188, 191
Decimal	12042171
CIELab	76.63, -3.51, 1.05
CIELCh	77, 3.664, 163.419
Yxy	50.9167, 0.3092, 0.3341
Android (android.graphics.Color)	4290232251 (0xFFB7BFBB)
YUV	188.1520, -0.5679, -4.5183
Hunter-Lab	71.3559, -6.9779, 4.7831

Details

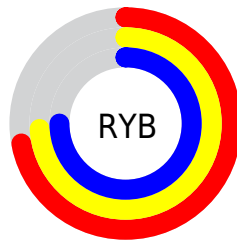
The XYZ color **47.1289, 50.9167, 54.3577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3909, 48.5326, 53.8861**, and the grayscale version is **47.8921, 50.3862, 54.8705**.

A 20% lighter version of the original color is **85.0350, 91.3433, 97.9432**, and **22.5975, 24.6440, 26.1200** is the 20% darker color. If you saturate the color by 10%, you get **41.9017, 48.3377, 48.9510**, and if you desaturate by 10%, it is **53.0436, 53.8451, 60.1539**.

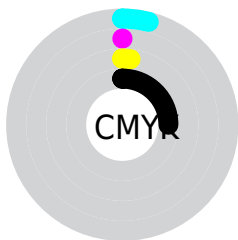
Distribution



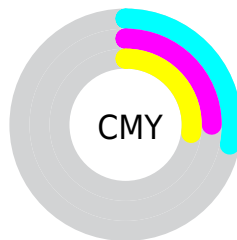
- Red (72%)
- Green (75%)
- Blue (73%)



- Red (72%)
- Yellow (74%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1289, 50.9167, 54.3577 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 47.1289, 50.9167, 54.3577 by changing the saturation by 10% instead.

■ 47.1289, 50.9167,
54.3577

■ 47.1289, 50.9167,
54.3577

365.9691,
390.2401, 420.6857

■ 33.3459, 36.1423,
38.4926

■ 85.1236, 91.5316,
98.0609

■ 22.5521, 24.5441,
26.0604

110.0660,
118.1410, 126.7361

■ 14.3820, 15.7377,
16.6427

139.4589,
149.4641, 160.5185

■ 8.4703, 9.3388,
9.8208

173.6678,
185.8854, 199.8264

■ 4.4517, 4.9628,
5.1763

213.0579,
227.7892, 245.0786

■ 1.9607, 2.2255,
2.2905

257.9946,

■ 0.6117, 0.7338,

275.5600, 296.6935

0.7259

308.8432,
329.5822, 355.0897

■ 0.0000, 0.0000,
0.0000

■ 47.1289, 50.9167,
54.3577

■ 47.1289, 50.9167,
54.3577

■ 41.9017, 48.3377,
48.9510

■ 53.0436, 53.8451,
60.1539

■ 37.3317, 46.0883,
43.9224

■ 59.6660, 57.1290,
66.3441

■ 33.3927, 44.1567,
39.2647

■ 67.0209, 60.7822,
72.9370

■ 30.0549, 42.5277,
34.9691

■ 73.4919, 63.9715,
79.8632

■ 27.2863, 41.1847,
31.0267

■ 74.8339, 64.5084,
86.9303

■ 25.0513, 40.1099,
27.4280

■ 76.2501, 65.0748,
94.3877

■ 23.3106, 39.2830,
24.1631

■ 77.7415, 65.6714,
102.2414

■ 22.0187, 38.6808,
21.2212

■ 77.9217, 65.7435,
103.1906

■ 21.1209, 38.2752,
18.5913

Harmonies

Analogous

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



47.4847, 50.9167, 52.7137



47.1289, 50.9167, 54.3577



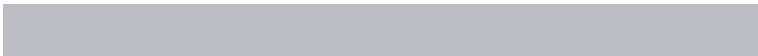
47.1102, 50.9167, 56.3300

Triad

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



47.1289, 50.9167, 54.3577



48.7047, 50.9167, 59.2351



49.3691, 50.9167, 52.8578

Complementary

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



47.1289, 50.9167, 54.3577



47.3909, 48.5326, 53.8861

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.



49.7025, 50.9167, 54.5587



47.1289, 50.9167, 54.3577



49.3165, 50.9167, 58.2580

Square

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



47.1289, 50.9167, 54.3577



48.0155, 50.9167, 59.1782



49.6832, 50.9167, 56.5358



48.7761, 50.9167, 51.8620

Rectangle

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



47.1289, 50.9167, 54.3577



47.2911, 50.9167, 57.5681



49.6832, 50.9167, 56.5358



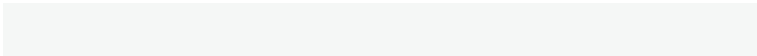
49.5155, 50.9167, 53.3643

Sweetspot

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



47.1303, 50.9189, 54.3588



87.6329, 92.7868, 100.5705



47.7060, 51.2644, 52.1812



19.2549, 20.3809, 22.0958



92.9021, 97.7402, 106.4391



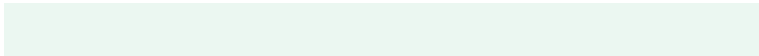
19.4759, 20.4902, 22.3138

Same Dimension

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



47.1303, 50.9189, 54.3588



83.5248, 90.7557, 96.4629



47.5503, 51.0869, 56.5704



10.0347, 10.9406, 11.5981



13.6560, 25.0527, 11.5171



0.5679, 0.9945, 0.6250

Inverse Universe

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



47.3909, 48.5326, 53.8861



84.0870, 85.6054, 95.4428



46.9820, 48.3690, 51.7333



10.1095, 10.2557, 11.4624



15.5344, 7.8449, 8.1077



0.6415, 0.3205, 0.4915

Previews

White Background



This preview shows how the XYZ color 47.1289, 50.9167, 54.3577 looks on a white background.

Color Contrast Check

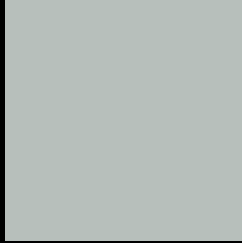
Large Text (above 18pt) WCAG AA × Fail

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 47.1289, 50.9167, 54.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

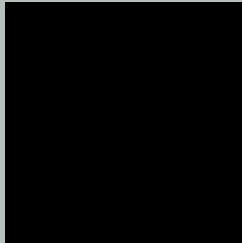
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

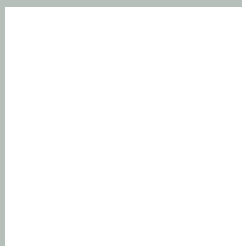
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1289, 50.9167, 54.3577

Background



This preview shows how black text looks on a background with the XYZ color 47.1289, 50.9167, 54.3577.



This preview shows how white text looks on a background with the XYZ color 47.1289, 50.9167,

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

47.1289, 50.9167, 54.3577

Protanopia

48.7325, 50.8067, 53.1371

Deuteranopia

51.8509, 50.8065, 55.2179



Tritanopia

49.0124, 50.7173, 63.7061

Trichromacy



Original Color

47.1289, 50.9167, 54.3577

Protanomaly

48.0468, 50.7592, 53.7195

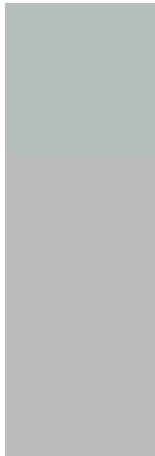
Deuteranomaly

49.9247, 50.7544, 54.7422

Tritanomaly

48.2832, 50.7407, 60.0725

Monochromacy



Original Color

47.1289, 50.9167, 54.3577

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.5244, 50.4651, 54.8129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1289, 50.9167, 54.3577 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, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 187)  
}
```

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, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.1289, 50.9167, 54.3577 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, 191, 187) }
```


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

```
.border{ border-color:rgb(183, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 191, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 191, 187); box-shadow:4px 4px 4px 4px rgb(183, 191, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1289, 50.9167, 54.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 187) }
```

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

```
.background{ background-color: rgb(183,  
191, 187) }
```

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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