

Converting Colors

XYZ(47.2562, 47.2076, 55.8716)

Have a look what the booklet for
XYZ(47.2562, 47.2076, 55.8716)
contains.

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Color

**XYZ(47.2623, 47.2083,
55.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B3BF
RGB	192, 179, 191
RGB Percent	75%, 70%, 75%
CMY	0.2471, 0.2980, 0.2510
CMYK	0.00, 0.07, 0.01, 0.25
HSL	305°, 9%, 73%
HSV	305°, 7%, 75%
XYZ	47.2623, 47.2083, 55.9113
YIQ	184.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

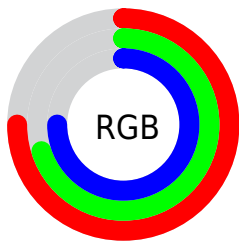
Format	Color
RYB	192, 179, 191
Decimal	12628927
CIELab	74.32, 6.80, -4.43
CIELCh	74, 8.114, 326.932
Yxy	47.2083, 0.3143, 0.3139
Android (android.graphics.Color)	4290819007 (0xFFC0B3BF)
YUV	184.2550, 3.3253, 6.7924
Hunter-Lab	68.7083, 2.5451, -0.1514

Details

The XYZ color **47.2623, 47.2083, 55.9113** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6801, 50.5795, 50.5378**, and the grayscale version is **45.6827, 48.0618, 52.3393**.

A 20% lighter version of the original color is **85.2082, 86.0885, 100.1215**, and **22.6958, 22.2457, 27.1424** is the 20% darker color. If you saturate the color by 10%, you get **43.5178, 39.9774, 53.8655**, and if you desaturate by 10%, it is **51.5470, 55.5155, 58.1464**.

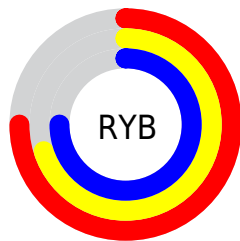
Distribution



Red (75%)

Green (70%)

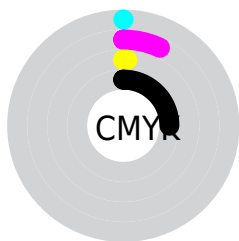
Blue (75%)



Red (75%)

Yellow (70%)

Blue (75%)

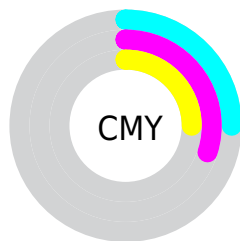


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2623, 47.2083, 55.9113 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 47.2623, 47.2083, 55.9113 by changing the saturation by 10% instead.

■ 47.2623, 47.2083,
55.9113

■ 47.2623, 47.2083,
55.9113

366.4920,
375.6454, 426.7361

■ 33.4519, 33.2004,
39.7283

■ 85.3214, 86.0245,
100.3594

■ 22.6337, 22.2800,
27.0146

110.3008,
111.6015, 129.4615

■ 14.4425, 14.0628,
17.3516

139.7338,
141.8036, 163.7071

■ 8.5128, 8.1643,
10.3209

173.9859,
177.0153, 203.5148

■ 4.4794, 4.2003,
5.5039

213.4225,
217.6209, 249.3029

■ 1.9767, 1.7862,
2.4820

258.4087,

■ 0.6208, 0.4786,

264.0049, 301.4902

0.8306

309.3101,
316.5516, 360.4950

■ 0.0000, 0.0000,
0.0000

■ 47.2623, 47.2083,
55.9113

■ 47.2623, 47.2083,
55.9113

■ 43.5178, 39.9774,
53.8655

■ 51.5470, 55.5155,
58.1464

■ 40.2873, 33.7728,
51.9986

■ 56.3885, 64.9344,
60.5746

■ 37.5487, 28.5493,
50.3037

■ 61.8079, 75.5063,
63.2035

■ 35.2766, 24.2562,
48.7723

■ 67.5663, 86.7537,
65.9537

■ 33.4434, 20.8383,
47.3952

■ 67.7364, 86.8218,
66.8492

■ 32.0185, 18.2344,
46.1622

■ 67.9081, 86.8905,
67.7535

■ 30.9675, 16.3755,
45.0618

■ 68.0815, 86.9598,
68.6666

■ 30.2500, 15.1813,
44.0804

■ 68.2566, 87.0298,
69.5885

■ 29.8121, 14.5438,
43.2002

■ 68.4333, 87.1005,
70.5192

Harmonies

Analogous

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



46.1527, 47.2083, 58.9025



47.2623, 47.2083, 55.9113



47.7301, 47.2083, 51.8330

Triad

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



47.2623, 47.2083, 55.9113



45.0204, 47.2083, 43.7893



42.4152, 47.2083, 55.1274

Complementary

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



47.2623, 47.2083, 55.9113



45.6801, 50.5795, 50.5378

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.



42.1267, 47.2083, 50.9731



47.2623, 47.2083, 55.9113



43.6114, 47.2083, 44.5665

Square

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



47.2623, 47.2083, 55.9113



46.4182, 47.2083, 44.9586



42.5600, 47.2083, 47.1416



43.3568, 47.2083, 58.4329

Rectangle

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



47.2623, 47.2083, 55.9113



47.6076, 47.2083, 49.0972



42.5600, 47.2083, 47.1416



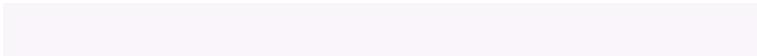
42.2395, 47.2083, 53.7774

Sweetspot

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



47.2637, 47.2103, 55.9123



89.1907, 92.4228, 103.1831



44.4280, 45.7357, 56.3561



19.1514, 19.8608, 22.1451



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.



47.2637, 47.2103, 55.9123



84.6592, 83.6477, 100.7850



46.5782, 46.9361, 52.3027



10.4628, 10.2337, 12.5275



19.9957, 9.6880, 28.9530



0.8741, 0.4226, 1.3043

Inverse Universe

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



47.2637, 47.2103, 55.9123



84.6592, 83.6477, 100.7850



46.3436, 50.8450, 54.0320



10.4628, 10.2337, 12.5275



19.9957, 9.6880, 28.9530



0.8741, 0.4226, 1.3043

Previews

White Background



This preview shows how the XYZ color 47.2623, 47.2083, 55.9113 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 47.2623, 47.2083, 55.9113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

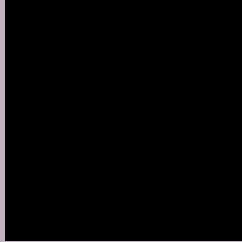
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2623, 47.2083, 55.9113

Background



This preview shows how black text looks on a background with the XYZ color 47.2623, 47.2083, 55.9113.



This preview shows how white text looks on a background with the XYZ color 47.2623, 47.2083,

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

47.2623, 47.2083, 55.9113

Protanopia

45.8820, 47.3734, 57.1778

Deuteranopia

48.1521, 47.0762, 55.8389



Tritanopia

47.4840, 47.2969, 57.0786

Trichromacy



Original Color

47.2623, 47.2083, 55.9113

Protanomaly

46.2880, 47.2926, 56.5579

Deuteranomaly

47.8300, 47.2045, 55.8807

Tritanomaly

47.3728, 47.2524, 56.4930

Monochromacy



Original Color

47.2623, 47.2083, 55.9113

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.1911, 47.6085, 53.7685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2623, 47.2083, 55.9113 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(192, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 191)  
}
```

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(192, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.2623, 47.2083, 55.9113 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(192, 179, 191) }
```


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

```
.border{ border-color:rgb(192, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2623, 47.2083, 55.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 191) }
```

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

```
.background{ background-color: rgb(192,  
179, 191) }
```

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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