

Converting Colors

XYZ(61.5586, 55.8476, 92.4856)

Have a look what the booklet for
XYZ(61.5586, 55.8476, 92.4856)
contains.

XYZ(61.4681, 55.8850, 92.3412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4681, 55.8850,
92.3412)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BAF3
RGB	214, 186, 243
RGB Percent	84%, 73%, 95%
CMY	0.1608, 0.2706, 0.0471
CMYK	0.12, 0.23, 0.00, 0.05
HSL	269°, 70%, 84%
HSV	269°, 23%, 95%
XYZ	61.4681, 55.8850, 92.3412
YIQ	200.8700, -1.6090, 23.6630

Conversions

Conversions Part 2

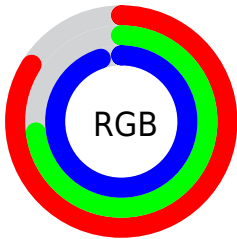
Format	Color
RYB	214, 186, 243
Decimal	14072563
CIELab	79.55, 20.54, -24.57
CIELCh	80, 32.028, 309.895
Yxy	55.8850, 0.2931, 0.2665
Android (android.graphics.Color)	4292262643 (0xFFD6BAF3)
YUV	200.8700, 20.7701, 11.5150
Hunter-Lab	74.7563, 15.9476, -20.9074

Details

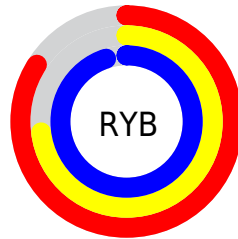
The XYZ color **61.4681, 55.8850, 92.3412** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.9398, 82.0949, 58.6693**, and the grayscale version is **55.3145, 58.1952, 63.3746**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **31.6552, 27.7338, 50.6985** is the 20% darker color. If you saturate the color by 10%, you get **53.3056, 44.7140, 90.6161**, and if you desaturate by 10%, it is **70.7786, 68.9429, 94.3718**.

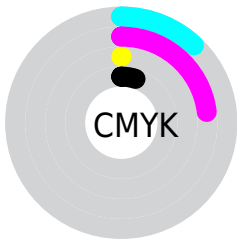
Distribution



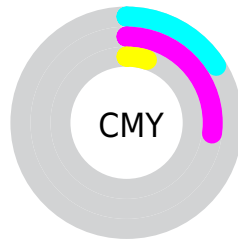
- Red (84%)
- Green (73%)
- Blue (95%)



- Red (84%)
- Yellow (73%)
- Blue (95%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4681, 55.8850, 92.3412 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 61.4681, 55.8850, 92.3412 by changing the saturation by 10% instead.

61.4681, 55.8850,
92.3412

61.4681, 55.8850,
92.3412

419.7368,
409.2580, 556.3830

44.8570, 40.1107,
69.3394

106.0507, 98.8364,
152.5500

31.5456, 27.6249,
50.5147

134.7529,
126.7823, 190.5941

21.1685, 18.0431,
35.4485

168.2163,
159.5543, 234.4894

13.3604, 10.9809,
23.7223

206.8060,
197.5366, 284.6545

7.7559, 6.0540,
14.9174

250.8876,
241.1138, 341.5079

3.9896, 2.8780,
8.6155

300.8264,

1.6963, 1.0683,

290.6701, 405.4680

4.3979

356.9876,
346.5901, 476.9536

■ 0.4539, 0.0000,
1.8461

■ 0.0000, 0.0000,
0.4581

■ 61.4681, 55.8850,
92.3412

■ 61.4681, 55.8850,
92.3412

■ 53.3056, 44.7140,
90.6161

■ 70.7786, 68.9429,
94.3718

■ 46.2356, 35.3317,
89.1777

■ 81.2784, 83.9654,
96.7180

■ 40.2059, 27.6414,
88.0112

■ 91.7549, 98.5176,
98.9747

■ 35.1571, 21.5343,
87.0985

■ 93.1778, 99.2511,
99.0413

■ 31.0232, 16.8882,
86.4196

■ 27.7285, 13.5624,
85.9513

■ 25.1823, 11.3861,
85.6654

■ 23.8358, 10.4190,
85.5497

Harmonies

Analogous

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



55.2751, 55.8850, 102.9348



61.4681, 55.8850, 92.3412



65.6245, 55.8850, 73.8820

Triad

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



61.4681, 55.8850, 92.3412



57.4916, 55.8850, 33.2361



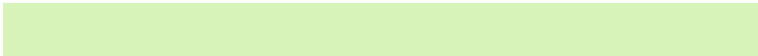
41.8206, 55.8850, 67.1540

Complementary

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



61.4681, 55.8850, 92.3412



68.9398, 82.0949, 58.6693

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.



42.3092, 55.8850, 49.4470



61.4681, 55.8850, 92.3412



51.0158, 55.8850, 32.1558

Square

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



61.4681, 55.8850, 92.3412



63.2030, 55.8850, 40.8070



45.5588, 55.8850, 37.4801



44.1655, 55.8850, 86.5683

Rectangle

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



61.4681, 55.8850, 92.3412



66.4977, 55.8850, 60.9143



45.5588, 55.8850, 37.4801



41.6637, 55.8850, 60.7843

Sweetspot

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



61.4699, 55.8873, 92.3424



86.3550, 87.4533, 106.9365



60.8446, 65.7426, 94.2777



18.3298, 18.4983, 22.8544



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.



61.4699, 55.8873, 92.3424



64.2225, 56.3444, 102.0984



70.3732, 60.4772, 92.7591



16.3563, 16.3263, 20.8318



13.2367, 5.7981, 46.9595



1.2817, 0.5706, 4.1328

Inverse Universe

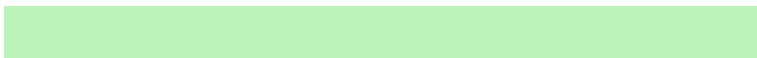
The Inverse Universe completely reimagines the original color for something new.



66.7886, 59.0811, 72.1761



71.2062, 60.5385, 75.5918



61.3967, 78.2063, 58.3163



16.8510, 16.6232, 18.9619



22.3386, 11.2789, 11.7573



2.0153, 1.0121, 1.3068

Previews

White Background



This preview shows how the XYZ color 61.4681, 55.8850, 92.3412 looks on a white background.

Color Contrast Check

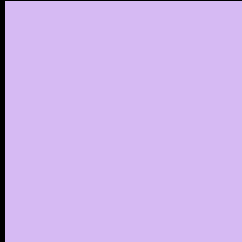
Large Text (above 18pt) WCAG AA × Fail

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 61.4681, 55.8850, 92.3412 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 61.4681, 55.8850, 92.3412

Background



This preview shows how black text looks on a background with the XYZ color 61.4681, 55.8850, 92.3412.



This preview shows how white text looks on a background with the XYZ color 61.4681, 55.8850,

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

61.4681, 55.8850, 92.3412

Protanopia

56.3812, 56.0601, 97.4716

Deuteranopia

57.3451, 56.0201, 91.7949



Tritanopia

56.2472, 55.6632, 67.4540

Trichromacy



Original Color

61.4681, 55.8850, 92.3412

Protanomaly

58.1438, 56.0168, 95.7435

Deuteranomaly

58.5279, 55.6552, 91.6622

Tritanomaly

58.0429, 55.7490, 76.1081

Monochromacy



Original Color

61.4681, 55.8850, 92.3412

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.5882, 57.5595, 73.0406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4681, 55.8850, 92.3412 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(214, 186, 243)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 243)  
}
```

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(214, 186, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 243) }
```

Border

The CSS property to change the border of an element to XYZ 61.4681, 55.8850, 92.3412 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(214, 186, 243) }
```


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

```
.border{ border-color:rgb(214, 186, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 243);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4681, 55.8850, 92.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 243) }
```

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

```
.background{ background-color: rgb(214,  
186, 243) }
```

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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