

Converting Colors

XYZ(61.2752, 53.9466, 88.2731)

Have a look what the booklet for
XYZ(61.2752, 53.9466, 88.2731)
contains.

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Color

**XYZ(61.2691, 54.0312,
88.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB4EE
RGB	220, 180, 238
RGB Percent	86%, 71%, 93%
CMY	0.1372, 0.2941, 0.0667
CMYK	0.08, 0.24, 0.00, 0.07
HSL	281°, 63%, 82%
HSV	281°, 24%, 93%
XYZ	61.2691, 54.0312, 88.0888
YIQ	198.5720, 5.2220, 26.5180

Conversions

Conversions Part 2

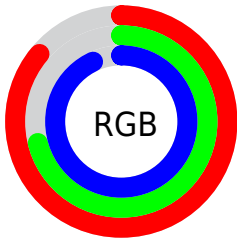
Format	Color
R _Y B	220, 180, 238
Decimal	14464238
CIE Lab	78.48, 24.68, -23.46
CIE LCh	78, 34.053, 316.449
Yxy	54.0312, 0.3012, 0.2657
Android (android.graphics.Color)	4292654318 (0xFFDCB4EE)
YUV	198.5720, 19.4380, 18.7924
Hunter-Lab	73.5059, 20.1490, -19.5984

Details

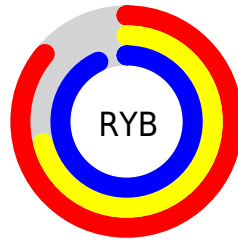
The XYZ color **61.2691, 54.0312, 88.0888** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.1033, 76.4515, 54.6660**, and the grayscale version is **53.9091, 56.7166, 61.7644**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **31.3427, 26.4487, 47.7091** is the 20% darker color. If you saturate the color by 10%, you get **54.6848, 44.1075, 86.5212**, and if you desaturate by 10%, it is **68.7805, 65.6602, 89.9384**.

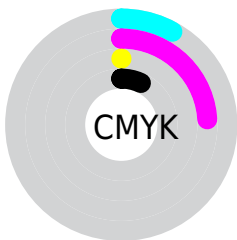
Distribution



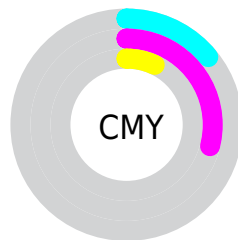
- Red (86%)
- Green (71%)
- Blue (93%)



- Red (86%)
- Yellow (71%)
- Blue (93%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)





- Cyan (14%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2691, 54.0312, 88.0888 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 61.2691, 54.0312, 88.0888 by changing the saturation by 10% instead.


 61.2691, 54.0312,
88.0888

 61.2691, 54.0312,
88.0888


419.0202,
402.2290, 542.2028

 44.6957, 38.6266,
65.8319

 105.7644, 96.1201,
146.5930

 31.4181, 26.4694,
47.6803

134.4170,
123.5731, 183.6773

 21.0708, 17.1751,
33.2156


167.8268,
155.8111, 226.5412

 13.2885, 10.3594,
22.0192

206.3591,
193.2184, 275.6032

 7.7059, 5.6379,
13.6725

250.3792,
236.1795, 331.2818

 3.9576, 2.6262,
7.7571

300.2525,

 1.6781, 0.9398,

285.0787, 393.9956

3.8544

356.3444,
340.3004, 464.1631

■ 0.4425, 0.0000,
1.5458

■ 0.0000, 0.0000,
0.2517

■ 61.2691, 54.0312,
88.0888

■ 61.2691, 54.0312,
88.0888

■ 54.6848, 44.1075,
86.5212

■ 68.7805, 65.6602,
89.9384

■ 48.9792, 35.7973,
85.2179

■ 77.2542, 79.0667,
92.0794

■ 44.1066, 29.0106,
84.1647

■ 86.7299, 94.3266,
94.5255

■ 40.0153, 23.6454,
83.3448

■ 90.4551, 97.9336,
95.0254

■ 36.6469, 19.5869,
82.7389

■ 92.4328, 98.9531,
95.1179

■ 33.9338, 16.7023,
82.3251

■ 31.7938, 14.8289,
82.0763

■ 30.7710, 14.0803,
81.9857

Harmonies

Analogous

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



55.0899, 54.0312, 101.7842



61.2691, 54.0312, 88.0888



64.9247, 54.0312, 67.9063

Triad

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



61.2691, 54.0312, 88.0888



54.4332, 54.0312, 29.7585



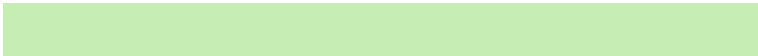
39.9640, 54.0312, 69.9084

Complementary

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



61.2691, 54.0312, 88.0888



62.1033, 76.4515, 54.6660

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.



39.8215, 54.0312, 50.6022



61.2691, 54.0312, 88.0888



47.7929, 54.0312, 30.0660

Square

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



61.2691, 54.0312, 88.0888



60.7524, 54.0312, 35.9376



42.5726, 54.0312, 36.8957



42.9804, 54.0312, 89.8266

Rectangle

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



61.2691, 54.0312, 88.0888



65.2493, 54.0312, 54.7835



42.5726, 54.0312, 36.8957



39.5881, 54.0312, 63.0726

Sweetspot

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



61.2708, 54.0335, 88.0900



87.6088, 88.0997, 106.9952



54.5351, 56.4346, 88.9085



18.6203, 18.6480, 22.8680



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.



61.2708, 54.0335, 88.0900



67.8789, 57.4522, 102.1195



65.4985, 56.3882, 80.3718



15.9492, 15.7710, 19.9251



17.3057, 7.9268, 45.7458



1.5412, 0.7118, 3.8104

Inverse Universe

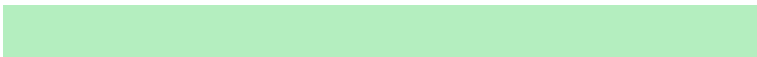
The Inverse Universe completely reimagines the original color for something new.



61.7760, 54.8992, 60.7691



68.6732, 58.6877, 64.8354



58.7625, 74.5992, 60.3833



15.9748, 15.8396, 17.4236



20.4095, 10.4362, 4.8070



1.7409, 0.8854, 0.6265

Previews

White Background



This preview shows how the XYZ color 61.2691, 54.0312, 88.0888 looks on a white background.

Color Contrast Check

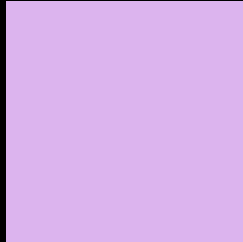
Large Text (above 18pt) WCAG AA × Fail

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 61.2691, 54.0312, 88.0888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

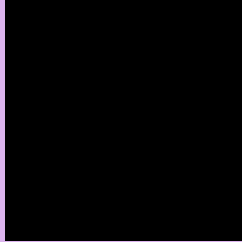
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2691, 54.0312, 88.0888

Background



This preview shows how black text looks on a background with the XYZ color 61.2691, 54.0312, 88.0888.



This preview shows how white text looks on a background with the XYZ color 61.2691, 54.0312,

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

61.2691, 54.0312, 88.0888

Protanopia

54.6942, 54.2384, 95.5821

Deuteranopia

55.2920, 54.0895, 86.8830



Tritanopia

56.0445, 54.0538, 62.7379

Trichromacy



Original Color

61.2691, 54.0312, 88.0888

Protanomaly

56.8180, 54.1002, 93.0357

Deuteranomaly

57.2021, 53.7888, 87.4882

Tritanomaly

57.5970, 53.7349, 70.9545

Monochromacy



Original Color

61.2691, 54.0312, 88.0888

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.5920, 55.7688, 70.7325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2691, 54.0312, 88.0888 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(220, 180, 238)` looks like.

```
.text, #text, p{  
    color:rgb(220, 180, 238)  
}
```

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(220, 180, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 238) }
```

Border

The CSS property to change the border of an element to XYZ 61.2691, 54.0312, 88.0888 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(220, 180, 238) }
```


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

```
.border{ border-color:rgb(220, 180, 238) }
```

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

Here you see how a box with a 4 pixel rgb(220, 180, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 180, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 180, 238);  
box-shadow:4px 4px 4px 4px rgb(220, 180,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2691, 54.0312, 88.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 180, 238) }
```

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

```
.background{ background-color: rgb(220,  
180, 238) }
```

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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