

Converting Colors

XYZ(60.5934, 52.2276, 95.1664)

Have a look what the booklet for
XYZ(60.5934, 52.2276, 95.1664)
contains.

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Color

**XYZ(60.6327, 52.3650,
94.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B0F7
RGB	216, 176, 247
RGB Percent	85%, 69%, 97%
CMY	0.1529, 0.3098, 0.0314
CMYK	0.13, 0.29, 0.00, 0.03
HSL	274°, 82%, 83%
HSV	274°, 29%, 97%
XYZ	60.6327, 52.3650, 94.9075
YIQ	196.0540, 1.0490, 30.5610

Conversions

Conversions Part 2

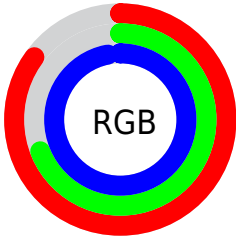
Format	Color
R _Y B	216, 176, 247
Decimal	14201079
CIE Lab	77.50, 27.41, -29.84
CIE LCh	77, 40.521, 312.565
Yxy	52.3650, 0.2916, 0.2519
Android (android.graphics.Color)	4292391159 (0xFFD8B0F7)
YUV	196.0540, 25.1164, 17.4926
Hunter-Lab	72.3637, 22.9267, -27.1064

Details

The XYZ color **60.6327, 52.3650, 94.9075** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.8312, 82.9229, 53.5600**, and the grayscale version is **52.3569, 55.0835, 59.9860**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.8744, 25.3572, 51.9824** is the 20% darker color. If you saturate the color by 10%, you get **53.1412, 41.9569, 93.2942**, and if you desaturate by 10%, it is **69.2179, 64.6475, 96.8266**.

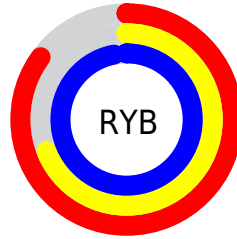
Distribution



Red (85%)

Green (69%)

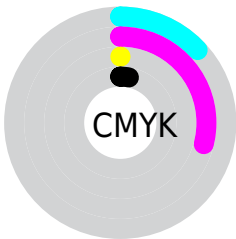
Blue (97%)



Red (85%)

Yellow (69%)

Blue (97%)

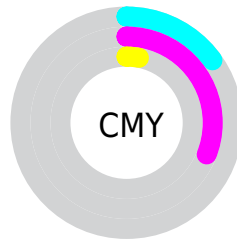


Cyan (13%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (15%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6327, 52.3650, 94.9075 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 60.6327, 52.3650, 94.9075 by changing the saturation by 10% instead.

60.6327, 52.3650,
94.9075

60.6327, 52.3650,
94.9075

416.7234,
395.8441, 564.8456

44.1802, 37.2961,
71.4615

104.8481, 93.6693,
156.1313

31.0107, 25.4368,
52.2348

133.3417,
120.6735, 194.7462

20.7589, 16.4028,
36.8087

166.5797,
152.4249, 239.2545

13.0593, 9.8096,
24.7648

204.9275,
189.3080, 290.0747

7.5467, 5.2729,
15.6845

248.7504,
231.7070, 347.6253

3.8556, 2.4083,
9.1492

298.4138,

1.6208, 0.8301,

280.0064, 412.3250

4.7405

354.2830,
334.5907, 484.5923

■ 0.4059, 0.0000,
2.0398

■ 0.0000, 0.0000,
0.5796

■ 60.6327, 52.3650,
94.9075

■ 60.6327, 52.3650,
94.9075

■ 53.1412, 41.9569,
93.2942

■ 69.2179, 64.6475,
96.8266

■ 46.6863, 33.3189,
91.9671

■ 78.9397, 78.8881,
99.0629

■ 41.2135, 26.3463,
90.9097

■ 89.8448, 95.1736,
101.6316

■ 36.6601, 20.9205,
90.1024

■ 93.7887, 99.4955,
102.2579

■ 32.9555, 16.9063,
89.5229

■ 30.0163, 14.1441,
89.1446

■ 27.7235, 12.4026,
88.9293

■ 27.4618, 12.2176,
88.9074

Harmonies

Analogous

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



53.1093, 52.3650, 110.1203



60.6327, 52.3650, 94.9075



65.5123, 52.3650, 70.8937

Triad

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



60.6327, 52.3650, 94.9075



54.4064, 52.3650, 25.0473



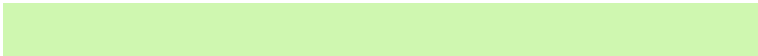
36.5091, 52.3650, 66.8909

Complementary

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



60.6327, 52.3650, 94.9075



66.8312, 82.9229, 53.5600

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.



36.7783, 52.3650, 45.0800



60.6327, 52.3650, 94.9075



46.5763, 52.3650, 24.5048

Square

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



60.6327, 52.3650, 94.9075



61.6675, 52.3650, 32.5980



40.2913, 52.3650, 30.8506



39.5129, 52.3650, 91.3250

Rectangle

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



60.6327, 52.3650, 94.9075



66.3260, 52.3650, 55.1140



40.2913, 52.3650, 30.8506



36.2296, 52.3650, 58.9624

Sweetspot

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



60.6344, 52.3672, 94.9087



84.5697, 84.3701, 106.4355



57.2386, 61.0350, 96.7607



17.7597, 17.5541, 22.7022



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.



60.6344, 52.3672, 94.9087



60.7663, 50.1100, 101.0772



70.1303, 57.3252, 92.5204



16.4745, 16.3873, 20.8373



14.6895, 6.5470, 47.0275



1.4089, 0.6362, 4.1388

Inverse Universe

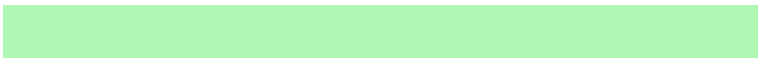
The Inverse Universe completely reimagines the original color for something new.



65.1473, 55.3320, 66.2804



66.4576, 53.8400, 65.3812



59.3595, 79.0300, 55.0682



16.7996, 16.6027, 18.6914



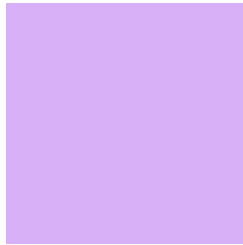
21.7818, 11.0562, 8.8255



1.9651, 0.9920, 1.0424

Previews

White Background



This preview shows how the XYZ color 60.6327, 52.3650, 94.9075 looks on a white background.

Color Contrast Check

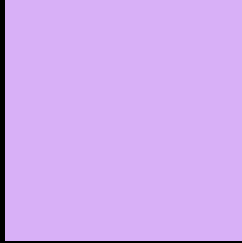
Large Text (above 18pt) WCAG AA × Fail

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 60.6327, 52.3650, 94.9075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

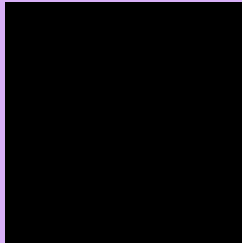
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6327, 52.3650, 94.9075

Background



This preview shows how black text looks on a background with the XYZ color 60.6327, 52.3650, 94.9075.



This preview shows how white text looks on a background with the XYZ color 60.6327, 52.3650,

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

60.6327, 52.3650, 94.9075

Protanopia

53.4812, 52.4994, 101.9224

Deuteranopia

53.7561, 52.5041, 93.6873



Tritanopia

53.7867, 52.2780, 61.8994

Trichromacy



Original Color

60.6327, 52.3650, 94.9075



Protanomaly

55.6974, 52.1281, 99.2216



Deuteranomaly

56.0232, 52.4041, 94.3510



Tritanomaly

56.1163, 52.3145, 72.7857

Monochromacy



Original Color

60.6327, 52.3650, 94.9075



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.0919, 53.9980, 71.8090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6327, 52.3650, 94.9075 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(216, 176, 247)` looks like.

```
.text, #text, p{  
    color:rgb(216, 176, 247)  
}
```

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(216, 176, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 176, 247) }
```

Border

The CSS property to change the border of an element to XYZ 60.6327, 52.3650, 94.9075 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(216, 176, 247) }
```


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

```
.border{ border-color:rgb(216, 176, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 176, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 176, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 176, 247);  
box-shadow:4px 4px 4px 4px rgb(216, 176,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6327, 52.3650, 94.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 176, 247) }
```

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

```
.background{ background-color: rgb(216,  
176, 247) }
```

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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