

Converting Colors

XYZ(61.5260, 51.5317, 94.1084)

Have a look what the booklet for
XYZ(61.5260, 51.5317, 94.1084)
contains.

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Color

**XYZ(61.3217, 51.3092,
93.8604)**

Conversions

Conversions Part 1

Format	Color
Hex	DEABF6
RGB	222, 171, 246
RGB Percent	87%, 67%, 96%
CMY	0.1294, 0.3294, 0.0353
CMYK	0.10, 0.30, 0.00, 0.04
HSL	281°, 81%, 82%
HSV	281°, 30%, 96%
XYZ	61.3217, 51.3092, 93.8604
YIQ	194.7990, 6.3210, 34.1370

Conversions

Conversions Part 2

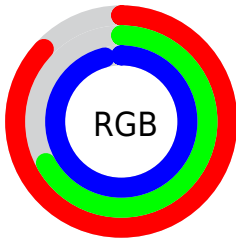
Format	Color
R _{YB}	222, 171, 246
Decimal	14593014
CIE _{Lab}	76.87, 31.76, -30.23
CIE _{LCh}	77, 43.847, 316.415
Yxy	51.3092, 0.2970, 0.2485
Android (android.graphics.Color)	4292783094 (0xFFDEABF6)
YUV	194.7990, 25.2421, 23.8553
Hunter-Lab	71.6304, 27.4578, -27.5489

Details

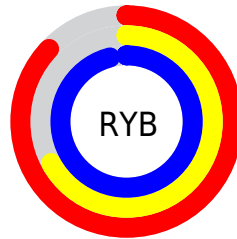
The XYZ color **61.3217, 51.3092, 93.8604** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.8137, 80.4551, 50.7491**, and the grayscale version is **51.6056, 54.2931, 59.1252**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **31.3896, 24.7380, 51.2646** is the 20% darker color. If you saturate the color by 10%, you get **54.7457, 41.6523, 92.3438**, and if you desaturate by 10%, it is **68.8783, 62.7578, 95.6727**.

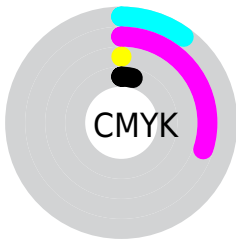
Distribution



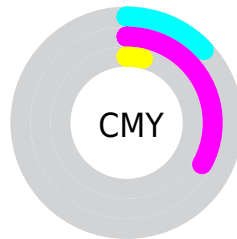
- Red (87%)
- Green (67%)
- Blue (96%)



- Red (87%)
- Yellow (67%)
- Blue (96%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3217, 51.3092, 93.8604 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 61.3217, 51.3092, 93.8604 by changing the saturation by 10% instead.

61.3217, 51.3092,
93.8604

61.3217, 51.3092,
93.8604

419.2096,
391.7639, 561.4011

44.7384, 36.4547,
70.5952

105.8401, 92.1117,
154.6713

31.4518, 24.7856,
51.5321

134.5058,
118.8284, 193.0540

21.0966, 15.9174,
36.2526

167.9298,
150.2681, 237.3130

13.3075, 9.4657,
24.3381

206.4772,
186.8151, 287.8669

7.7191, 5.0462,
15.3701

250.5136,
228.8538, 345.1340

3.9660, 2.2744,
8.9300

300.4042,

1.6829, 0.7601,

276.7686, 409.5331

4.5994

356.5145,
330.9438, 481.4826

■ 0.4456, 0.0000,
1.9596

■ 0.0000, 0.0000,
0.5303

■ 61.3217, 51.3092,
93.8604

■ 61.3217, 51.3092,
93.8604

■ 54.7457, 41.6523,
92.3438

■ 68.8783, 62.7578,
95.6727

■ 49.0956, 33.6838,
91.1035

■ 77.4564, 76.0810,
97.7923

■ 44.3190, 27.2994,
90.1230

■ 87.1003, 91.3645,
100.2340

■ 40.3553, 22.3806,
89.3825

■ 93.0814, 99.1486,
101.4212

■ 37.1353, 18.7916,
88.8594

■ 93.6347, 99.4339,
101.4471

■ 34.5769, 16.3703,
88.5269

■ 32.6306, 14.9001,
88.3457

Harmonies

Analogous

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



53.4382, 51.3092, 112.4715



61.3217, 51.3092, 93.8604



66.0630, 51.3092, 67.3563

Triad

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



61.3217, 51.3092, 93.8604



52.6299, 51.3092, 22.0756



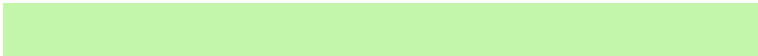
34.9538, 51.3092, 69.8666

Complementary

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



61.3217, 51.3092, 93.8604



62.8137, 80.4551, 50.7491

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.



34.7900, 51.3092, 45.7646



61.3217, 51.3092, 93.8604



44.3779, 51.3092, 22.3929

Square

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



61.3217, 51.3092, 93.8604



60.6722, 51.3092, 28.7800



38.0561, 51.3092, 29.8221



38.5324, 51.3092, 96.1433

Rectangle

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



61.3217, 51.3092, 93.8604



66.4900, 51.3092, 50.8945



38.0561, 51.3092, 29.8221



34.5128, 51.3092, 61.1533

Sweetspot

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



61.3234, 51.3114, 93.8615



85.5103, 84.8550, 106.4795



53.1709, 54.7937, 94.9634



17.9918, 17.6737, 22.7131



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.



61.3234, 51.3114, 93.8615



61.7254, 48.5643, 100.7283



67.3499, 54.6324, 84.4624



16.6679, 16.4870, 20.8464



17.5692, 8.0316, 47.1623



1.6509, 0.7609, 4.1501

Inverse Universe

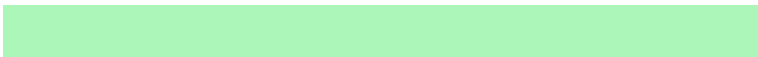
The Inverse Universe completely reimagines the original color for something new.



62.4208, 52.6608, 58.5062



63.3103, 50.3822, 55.5868



58.3514, 78.0105, 57.0573



16.7176, 16.5699, 18.2597



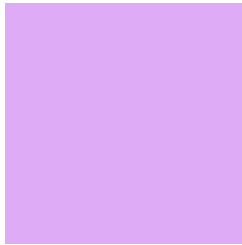
21.0904, 10.7796, 5.1843



1.8985, 0.9654, 0.6920

Previews

White Background



This preview shows how the XYZ color 61.3217, 51.3092, 93.8604 looks on a white background.

Color Contrast Check

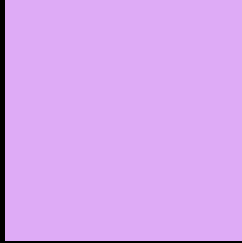
Large Text (above 18pt) WCAG AA × Fail

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 61.3217, 51.3092, 93.8604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

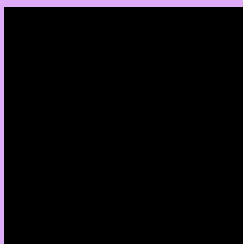
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3217, 51.3092, 93.8604

Background



This preview shows how black text looks on a background with the XYZ color 61.3217, 51.3092, 93.8604.

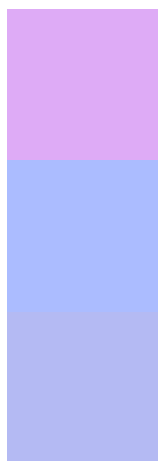


This preview shows how white text looks on a background with the XYZ color 61.3217, 51.3092,

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

61.3217, 51.3092, 93.8604

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

52.5590, 51.2922, 91.9242



Tritanopia

54.1058, 51.2840, 58.6769

Trichromacy



Original Color

61.3217, 51.3092, 93.8604



Protanomaly

55.5338, 51.4313, 99.0957



Deuteranomaly

55.3587, 51.1815, 92.5493



Tritanomaly

56.4750, 51.0510, 70.4956

Monochromacy



Original Color

61.3217, 51.3092, 93.8604



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.8733, 52.9520, 70.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3217, 51.3092, 93.8604 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(222, 171, 246)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 246)  
}
```

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(222, 171, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 246) }
```

Border

The CSS property to change the border of an element to XYZ 61.3217, 51.3092, 93.8604 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(222, 171, 246) }
```


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

```
.border{ border-color:rgb(222, 171, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 246);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3217, 51.3092, 93.8604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 246) }
```

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

```
.background{ background-color: rgb(222,  
171, 246) }
```

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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