

# Converting Colors

XYZ(62.4452, 56.6141, 96.4433)

Have a look what the booklet for  
XYZ(62.4452, 56.6141, 96.4433)  
contains.

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# Color

**XYZ(62.4452, 56.6141,  
96.4433)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6BBF8
RGB	214, 187, 248
RGB Percent	84%, 73%, 97%
CMY	0.1608, 0.2666, 0.0274
CMYK	0.14, 0.25, 0.00, 0.03
HSL	267°, 81%, 85%
HSV	267°, 25%, 97%
XYZ	62.4452, 56.6141, 96.4433
YIQ	202.0270, -3.4890, 24.6950

# Conversions

## Conversions Part 2

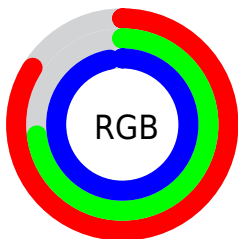
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 187, 248
Decimal	14072824
CIE Lab	79.96, 21.04, -26.62
CIE LCh	80, 33.931, 308.317
Yxy	56.6141, 0.2898, 0.2627
Android (android.graphics.Color)	4292262904 (0xFFD6BBF8)
YUV	202.0270, 22.6647, 10.5003
Hunter-Lab	75.2423, 16.4668, -23.3264

# Details

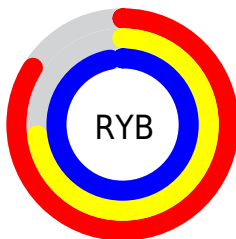
The XYZ color **62.4452, 56.6141, 96.4433** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3576, 86.0961, 59.8208**, and the grayscale version is **56.0221, 58.9396, 64.1852**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **32.2271, 28.1827, 53.0315** is the 20% darker color. If you saturate the color by 10%, you get **53.7671, 44.9942, 94.6587**, and if you desaturate by 10%, it is **72.3777, 70.2322, 98.5493**.

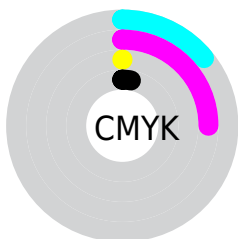
# Distribution



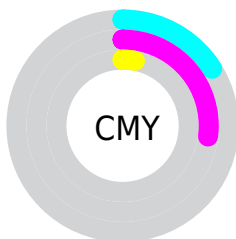
- Red (84%)
- Green (73%)
- Blue (97%)



- Red (84%)
- Yellow (73%)
- Blue (97%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (27%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4452, 56.6141, 96.4433 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 62.4452, 56.6141, 96.4433 by changing the saturation by 10% instead.



62.4452, 56.6141,  
96.4433

62.4452, 56.6141,  
96.4433

423.2449,  
412.0017, 569.8772

45.6495, 40.6955,  
72.7333

107.4550, 99.9019,  
158.2698

32.1728, 28.0812,  
53.2674

136.3998,  
128.0399, 197.2233

21.6497, 18.3869,  
37.6271

170.1251,  
161.0198, 242.0951

13.7149, 11.2281,  
25.3938

208.9961,  
199.2260, 293.3038

8.0030, 6.2205,  
16.1490

253.3782,  
243.0429, 351.2678

4.1487, 2.9796,  
9.4742

303.6368,

1.7866, 1.1211,

292.8548, 416.4057

4.9507

360.1373,  
349.0463, 489.1360

■ 0.5096, 0.0000,  
2.1601

■ 0.0000, 0.0000,  
0.6512

■ 62.4452, 56.6141,  
96.4433

■ 62.4452, 56.6141,  
96.4433

■ 53.7671, 44.9942,  
94.6587

■ 72.3777, 70.2322,  
98.5493

■ 46.2830, 35.2676,  
93.1758

■ 83.6109, 85.9323,  
100.9876

■ 39.9350, 27.3306,  
91.9783

■ 93.9434, 99.5574,  
103.0729

■ 34.6577, 21.0660,  
91.0473

■ 30.3782, 16.3423,  
90.3611

■ 27.0130, 13.0070,  
89.8947

■ 24.4610, 10.8742,  
89.6175

■ 23.3451, 10.0776,  
89.5225

# Harmonies

## Analogous

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



55.7484, 56.6141, 107.2994



62.4452, 56.6141, 96.4433



67.0773, 56.6141, 76.7436

# Triad

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



62.4452, 56.6141, 96.4433



58.8524, 56.6141, 32.6907



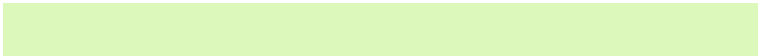
41.7417, 56.6141, 67.2937

# Complementary

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



62.4452, 56.6141, 96.4433



72.3576, 86.0961, 59.8208

# 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.



42.4188, 56.6141, 48.6660



62.4452, 56.6141, 96.4433



51.9170, 56.6141, 31.2167

# Square

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



62.4452, 56.6141, 96.4433



64.8829, 56.6141, 40.9920



46.0100, 56.6141, 36.4185



44.0746, 56.6141, 88.2741



# Rectangle

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



62.4452, 56.6141, 96.4433



68.1617, 56.6141, 62.7634



46.0100, 56.6141, 36.4185



41.6290, 56.6141, 60.5363

# Sweetspot

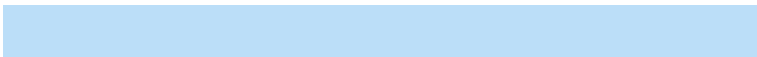
The Sweet Spot groups the original color and five complimentary colors.



62.4470, 56.6165, 96.4446



86.0515, 87.2969, 106.9223



63.4451, 69.3567, 98.8511



18.2596, 18.4620, 22.8511



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.



62.4470, 56.6165, 96.4446



61.3254, 53.3108, 101.6655



72.0003, 61.5413, 96.8916



17.0122, 17.0189, 21.7736



12.7662, 5.5239, 48.3669



1.3020, 0.5733, 4.4852



# Inverse Universe

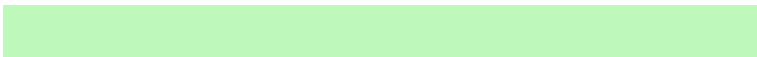
The Inverse Universe completely reimagines the original color for something new.



69.5346, 60.7198, 76.4640



70.3299, 58.5281, 76.0947



64.0416, 81.8091, 59.4316



17.6497, 17.3872, 20.0110



23.4709, 11.8041, 14.4541



2.2272, 1.1146, 1.6196



# Previews

## White Background



This preview shows how the XYZ color 62.4452, 56.6141, 96.4433 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

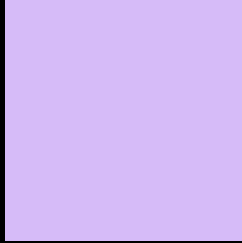
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.4452, 56.6141, 96.4433 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 62.4452, 56.6141, 96.4433**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.4452, 56.6141, 96.4433.



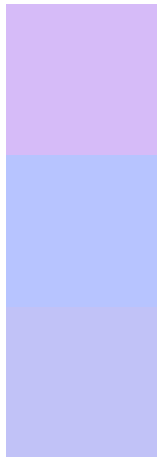
This preview shows how white text looks on a background with the XYZ color 62.4452, 56.6141,



# 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

62.4452, 56.6141, 96.4433

### Protanopia

57.3184, 56.7671, 102.5439

### Deuteranopia

58.0726, 56.6364, 95.8669



## Tritanopia

56.8128, 56.5969, 68.2515

# Trichromacy



## Original Color

62.4452, 56.6141, 96.4433

## Protanomaly

58.8888, 56.6375, 99.9238

## Deuteranomaly

59.5067, 56.3945, 95.7446

## Tritanomaly

58.5284, 56.2910, 77.5925

# Monochromacy



## Original Color

62.4452, 56.6141, 96.4433

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

58.2060, 58.1688, 75.1777

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4452, 56.6141, 96.4433 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, 187, 248)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 248)  
}
```

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, 187, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 248) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4452, 56.6141, 96.4433 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, 187, 248) }
```



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

```
.border{ border-color:rgb(214, 187, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 248);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
248) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.4452, 56.6141, 96.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 248) }
```

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

```
.background{ background-color: rgb(214,  
187, 248) }
```

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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