

Converting Colors

XYZ(62.3163, 58.5634, 92.9746)

Have a look what the booklet for
XYZ(62.3163, 58.5634, 92.9746)
contains.

XYZ(62.3990, 58.6080, 92.8177)	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(62.3990, 58.6080,
92.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C1F3
RGB	212, 193, 243
RGB Percent	83%, 76%, 95%
CMY	0.1686, 0.2431, 0.0471
CMYK	0.13, 0.21, 0.00, 0.05
HSL	263°, 68%, 85%
HSV	263°, 21%, 95%
XYZ	62.3990, 58.6080, 92.8177
YIQ	204.3810, -4.7260, 19.5780

Conversions

Conversions Part 2

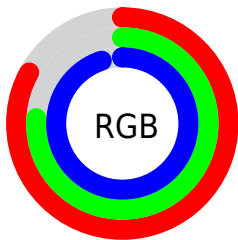
Format	Color
R _Y B	212, 193, 243
Decimal	13943283
CIE Lab	81.08, 16.13, -22.26
CIE LCh	81, 27.493, 305.924
Yxy	58.6080, 0.2918, 0.2741
Android (android.graphics.Color)	4292133363 (0xFFD4C1F3)
YUV	204.3810, 19.0392, 6.6819
Hunter-Lab	76.5559, 11.5187, -18.2952

Details

The XYZ color **62.3990, 58.6080, 92.8177** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.4186, 83.8002, 62.8129**, and the grayscale version is **57.5224, 60.5181, 65.9042**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **32.1069, 29.2212, 50.9617** is the 20% darker color. If you saturate the color by 10%, you get **53.3200, 46.5988, 90.9791**, and if you desaturate by 10%, it is **72.7696, 72.5961, 94.9720**.

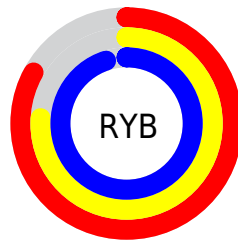
Distribution



Red (83%)

Green (76%)

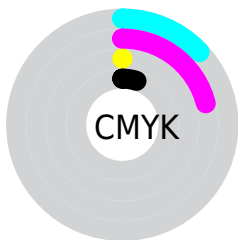
Blue (95%)



Red (83%)

Yellow (76%)

Blue (95%)

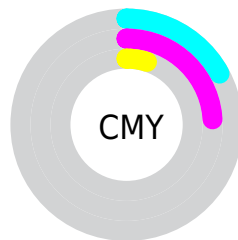


Cyan (13%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (17%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3990, 58.6080, 92.8177 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 62.3990, 58.6080, 92.8177 by changing the saturation by 10% instead.

62.3990, 58.6080,
92.8177

62.3990, 58.6080,
92.8177

423.0794,
419.4477, 557.9596

45.6120, 42.2976,
69.7332

107.3887,
102.8077, 153.2157

32.1431, 29.3344,
50.8336

136.3221,
131.4659, 191.3663

21.6269, 19.3340,
35.7004

170.0350,
165.0087, 235.3760

13.6981, 11.9118,
23.9150

208.8927,
203.8207, 285.6632

7.9913, 6.6837,
15.0590

253.2607,
248.2862, 342.6467

4.1411, 3.2651,
8.7137

303.5042,

1.7823, 1.2716,

298.7896, 406.7449

4.4607

359.9887,
355.7153, 478.3764

■ 0.5070, 0.1191,
1.8813

■ 0.0000, 0.0000,
0.4808

■ 62.3990, 58.6080,
92.8177

■ 62.3990, 58.6080,
92.8177

■ 53.3200, 46.5988,
90.9791

■ 72.7696, 72.5961,
94.9720

■ 45.4730, 36.4695,
89.4376

■ 84.4769, 88.6416,
97.4521

■ 38.8015, 28.1232,
88.1782

■ 93.1778, 99.2511,
99.0413

■ 33.2424, 21.4511,
87.1833

■ 28.7257, 16.3325,
86.4334

■ 25.1725, 12.6292,
85.9059

■ 22.4901, 10.1773,
85.5740

■ 20.6251, 8.7638,
85.3994

Harmonies

Analogous

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



56.8461, 58.6080, 100.4823



62.3990, 58.6080, 92.8177



66.3438, 58.6080, 77.5220

Triad

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



62.3990, 58.6080, 92.8177



60.3058, 58.6080, 39.1935



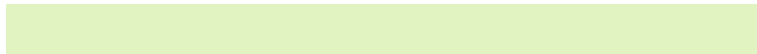
45.4816, 58.6080, 67.1150

Complementary

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



62.3990, 58.6080, 92.8177



72.4186, 83.8002, 62.8129

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.



46.2693, 58.6080, 51.8257



62.3990, 58.6080, 92.8177



54.5796, 58.6080, 37.3672

Square

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



62.3990, 58.6080, 92.8177



65.0786, 58.6080, 47.0849



49.5080, 58.6080, 41.5856



47.2779, 58.6080, 84.0997

Rectangle

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



62.3990, 58.6080, 92.8177



67.3913, 58.6080, 66.0757



49.5080, 58.6080, 41.5856



45.4546, 58.6080, 61.6048

Sweetspot

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



62.4008, 58.6104, 92.8190



86.9575, 88.8687, 107.1780



65.0071, 71.4808, 95.1659



18.4311, 18.7732, 22.9021



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.



62.4008, 58.6104, 92.8190



64.8990, 59.1096, 102.5965



69.9522, 62.5033, 93.1724



16.1763, 16.2335, 20.8234



11.4579, 4.8811, 46.8763



1.1176, 0.4860, 4.1251

Inverse Universe

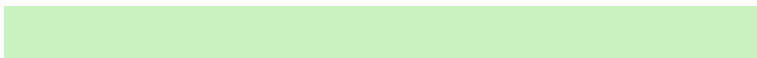
The Inverse Universe completely reimagines the original color for something new.



69.4885, 62.5788, 78.9399



74.3176, 64.3876, 83.9468



65.4086, 80.1864, 62.4848



16.9311, 16.6553, 19.3839



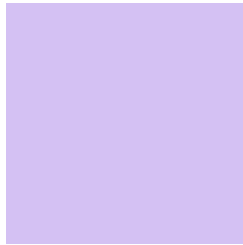
23.4047, 11.7053, 17.3714



2.1070, 1.0488, 1.7898

Previews

White Background



This preview shows how the XYZ color 62.3990, 58.6080, 92.8177 looks on a white background.

Color Contrast Check

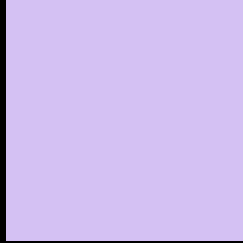
Large Text (above 18pt) WCAG AA × Fail

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 62.3990, 58.6080, 92.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

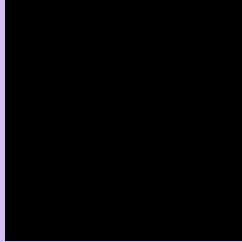
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3990, 58.6080, 92.8177

Background



This preview shows how black text looks on a background with the XYZ color 62.3990, 58.6080, 92.8177.



This preview shows how white text looks on a background with the XYZ color 62.3990, 58.6080,

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

62.3990, 58.6080, 92.8177

Protanopia

58.4471, 58.5094, 96.2086

Deuteranopia

60.0807, 58.7608, 92.1798



Tritanopia

58.0638, 58.5086, 71.8513

Trichromacy



Original Color

62.3990, 58.6080, 92.8177

Protanomaly

59.8895, 58.5921, 95.3417

Deuteranomaly

60.9438, 58.8698, 92.1553

Tritanomaly

59.6250, 58.4714, 79.3777

Monochromacy



Original Color

62.3990, 58.6080, 92.8177

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0413, 59.6359, 74.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3990, 58.6080, 92.8177 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(212, 193, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 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(212, 193, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 243) }
```

Border

The CSS property to change the border of an element to XYZ 62.3990, 58.6080, 92.8177 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(212, 193, 243) }
```


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

```
.border{ border-color:rgb(212, 193, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3990, 58.6080, 92.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 243) }
```

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

```
.background{ background-color: rgb(212,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor