

Converting Colors

XYZ(62.3474, 58.0392, 96.7141)

Have a look what the booklet for
XYZ(62.3474, 58.0392, 96.7141)
contains.

XYZ(62.3713, 58.1782, 96.7491)	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(62.3713, 58.1782,
96.7491)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C0F8
RGB	210, 192, 248
RGB Percent	82%, 75%, 97%
CMY	0.1765, 0.2470, 0.0274
CMYK	0.15, 0.23, 0.00, 0.03
HSL	259°, 80%, 86%
HSV	259°, 23%, 97%
XYZ	62.3713, 58.1782, 96.7491
YIQ	203.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

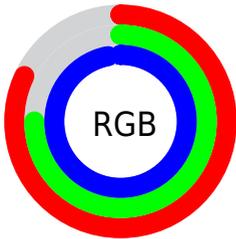
Format	Color
R _Y B	210, 192, 248
Decimal	13811960
CIE Lab	80.84, 17.09, -25.31
CIE LCh	81, 30.544, 304.026
Yxy	58.1782, 0.2870, 0.2677
Android (android.graphics.Color)	4292002040 (0xFFD2C0F8)
YUV	203.7660, 21.8074, 5.4672
Hunter-Lab	76.2746, 12.4824, -21.8130

Details

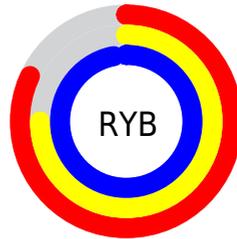
The XYZ color **62.3713, 58.1782, 96.7491** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.7167, 87.7649, 62.8213**, and the grayscale version is **57.1184, 60.0930, 65.4413**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **32.0100, 28.9071, 53.1827** is the 20% darker color. If you saturate the color by 10%, you get **52.8363, 45.8500, 94.8730**, and if you desaturate by 10%, it is **73.3314, 72.6059, 98.9572**.

Distribution



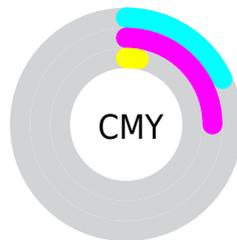
- Red (82%)
- Green (75%)
- Blue (97%)



- Red (82%)
- Yellow (75%)
- Blue (97%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3713, 58.1782, 96.7491 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 62.3713, 58.1782, 96.7491 by changing the saturation by 10% instead.

62.3713, 58.1782,
96.7491

62.3713, 58.1782,
96.7491

422.9802,
417.8496, 570.8763

45.5895, 41.9519,
72.9867

107.3489,
102.1823, 158.6952

32.1253, 29.0637,
53.4733

136.2754,
130.7289, 197.7159

21.6132, 19.1290,
37.7905

169.9809,
164.1512, 242.6598

13.6880, 11.7635,
25.5195

208.8307,
202.8333, 293.9455

7.9842, 6.5829,
16.2420

253.1902,
247.1599, 351.9914

4.1366, 3.2026,
9.5394

303.4247,

1.7797, 1.2384,

297.5152, 417.2162

4.9930

359.8996,
354.2836, 490.0383

■ 0.5054, 0.0927,
2.1845

■ 0.0000, 0.0000,
0.6654

■ 62.3713, 58.1782,
96.7491

■ 62.3713, 58.1782,
96.7491

■ 52.8363, 45.8500,
94.8730

■ 73.3314, 72.6059,
98.9572

■ 44.6593, 35.5142,
93.3090

■ 85.7686, 89.2189,
101.5083

■ 37.7759, 27.0650,
92.0409

■ 93.9434, 99.5574,
103.0730

■ 32.1142, 20.3834,
91.0496

■ 27.5941, 15.3369,
90.3138

■ 24.1250, 11.7730,
89.8087

■ 21.6000, 9.5088,
89.5048

■ 20.2274, 8.4703,
89.3767

Harmonies

Analogous

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



56.1533, 58.1782, 104.7400



62.3713, 58.1782, 96.7491



66.9434, 58.1782, 79.8250

Triad

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



62.3713, 58.1782, 96.7491



60.7854, 58.1782, 36.9503



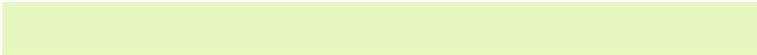
44.0498, 58.1782, 65.8185

Complementary

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



62.3713, 58.1782, 96.7491



75.7167, 87.7649, 62.8213

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.



45.0857, 58.1782, 49.3073



62.3713, 58.1782, 96.7491



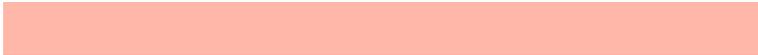
54.4487, 58.1782, 34.6098

Square

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



62.3713, 58.1782, 96.7491



65.9800, 58.1782, 45.8158



48.7783, 58.1782, 38.6806



45.8336, 58.1782, 84.8594

Rectangle

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



62.3713, 58.1782, 96.7491



68.2700, 58.1782, 67.0339



48.7783, 58.1782, 38.6806



44.0807, 58.1782, 59.7962

Sweetspot

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



62.3731, 58.1806, 96.7504



85.3009, 86.9099, 106.8872



67.0545, 74.7278, 99.6976



18.0859, 18.3725, 22.8430



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.



62.3731, 58.1806, 96.7504



61.7316, 55.8515, 102.1346



70.9650, 62.6099, 97.1525



16.8082, 16.9138, 21.7641



11.0558, 4.6422, 48.2869



1.1295, 0.4844, 4.4771

Inverse Universe

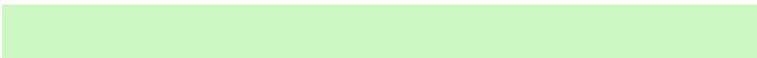
The Inverse Universe completely reimagines the original color for something new.



71.8457, 63.3712, 83.3102



73.5200, 62.3168, 85.1472



67.5130, 83.5358, 62.4374



17.7418, 17.4241, 20.4960



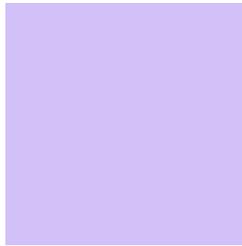
24.8114, 12.3403, 21.5131



2.3463, 1.1623, 2.2473

Previews

White Background



This preview shows how the XYZ color 62.3713, 58.1782, 96.7491 looks on a white background.

Color Contrast Check

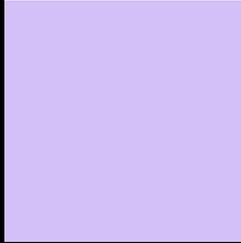
Large Text (above 18pt) WCAG AA × Fail

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 62.3713, 58.1782, 96.7491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

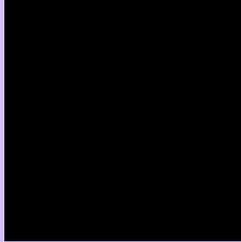
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3713, 58.1782, 96.7491

Background



This preview shows how black text looks on a background with the XYZ color 62.3713, 58.1782, 96.7491.



This preview shows how white text looks on a background with the XYZ color 62.3713, 58.1782,

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

62.3713, 58.1782, 96.7491

Protanopia

58.6466, 58.5035, 101.1298

Deuteranopia

59.7807, 58.5182, 96.1401



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

62.3713, 58.1782, 96.7491

Protanomaly

59.6582, 58.0470, 99.3267

Deuteranomaly

60.6607, 58.3022, 96.0520

Tritanomaly

58.9210, 58.0927, 80.0590

Monochromacy



Original Color

62.3713, 58.1782, 96.7491

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0261, 59.5977, 76.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3713, 58.1782, 96.7491 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(210, 192, 248)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 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(210, 192, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 248) }
```

Border

The CSS property to change the border of an element to XYZ 62.3713, 58.1782, 96.7491 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(210, 192, 248) }
```

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

```
.border{ border-color:rgb(210, 192, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 248);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3713, 58.1782, 96.7491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 248) }
```

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

```
.background{ background-color: rgb(210,  
192, 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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