

Converting Colors

XYZ(60.2060, 62.6108, 93.0527)

Have a look what the booklet for
XYZ(60.2060, 62.6108, 93.0527)
contains.

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Color

**XYZ(60.3211, 62.7290,
92.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D0F2
RGB	192, 208, 242
RGB Percent	75%, 82%, 95%
CMY	0.2470, 0.1843, 0.0510
CMYK	0.21, 0.14, 0.00, 0.05
HSL	221°, 66%, 85%
HSV	221°, 21%, 95%
XYZ	60.3211, 62.7290, 92.9330
YIQ	207.0920, -20.4500, 7.1820

Conversions

Conversions Part 2

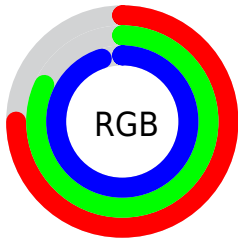
Format	Color
R _Y B	192, 204, 242
Decimal	12636402
CIE Lab	83.30, 1.67, -18.51
CIE LCh	83, 18.583, 275.145
Yxy	62.7290, 0.2793, 0.2904
Android (android.graphics.Color)	4290826482 (0xFFC0D0F2)
YUV	207.0920, 17.2096, -13.2357
Hunter-Lab	79.2016, -2.6547, -14.1281

Details

The XYZ color **60.3211, 62.7290, 92.9330** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.3293, 77.0758, 60.8830**, and the grayscale version is **59.2710, 62.3578, 67.9076**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.8998, 32.0596, 51.0139** is the 20% darker color. If you saturate the color by 10%, you get **50.8845, 52.2157, 91.4021**, and if you desaturate by 10%, it is **71.1853, 74.5993, 94.6526**.

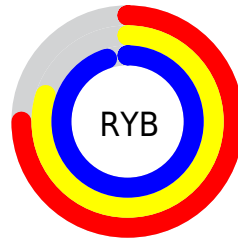
Distribution



Red (75%)

Green (82%)

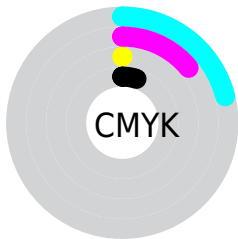
Blue (95%)



Red (75%)

Yellow (80%)

Blue (95%)

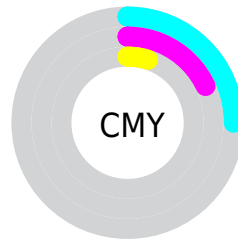


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3211, 62.7290, 92.9330 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 60.3211, 62.7290, 92.9330 by changing the saturation by 10% instead.

■ 60.3211, 62.7290,
92.9330

■ 60.3211, 62.7290,
92.9330

415.5961,
434.5853, 558.3407

■ 43.9280, 45.6220,
69.8285

■ 104.3990,
108.7784, 153.3768

■ 30.8115, 31.9476,
50.9108

132.8145,
138.4897, 191.5530

■ 20.6065, 21.3215,
35.7614

165.9681,
173.1711, 235.5903

■ 12.9475, 13.3592,
23.9617

204.2253,
213.2072, 285.9072

■ 7.4691, 7.6764,
15.0933

247.9513,
258.9822, 342.9221

■ 3.8061, 3.8886,
8.7375

297.5116,

■ 1.5930, 1.6114,

310.8807, 407.0536

4.4759

353.2714,
369.2869, 478.7203

■ 0.3879, 0.3653,
1.8899

■ 0.0000, 0.0000,
0.4863

■ 60.3211, 62.7290,
92.9330

■ 60.3211, 62.7290,
92.9330

■ 50.8845, 52.2157,
91.4021

■ 71.1853, 74.5993,
94.6526

■ 42.8078, 43.0011,
90.0492

■ 83.5293, 87.8667,
96.5629

■ 36.0265, 35.0337,
88.8688

■ 93.0272, 99.1909,
98.2481

■ 30.4680, 28.2554,
87.8534

■ 26.0521, 22.6031,
86.9951

■ 22.6883, 18.0063,
86.2852

■ 20.2700, 14.3853,
85.7137

■ 18.7127, 11.7819,
85.2933

Harmonies

Analogous

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



56.4171, 62.7290, 90.5344



60.3211, 62.7290, 92.9330



64.2050, 62.7290, 88.1492

Triad

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



60.3211, 62.7290, 92.9330



66.2002, 62.7290, 56.2819



52.8496, 62.7290, 59.3729

Complementary

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



60.3211, 62.7290, 92.9330



73.3293, 77.0758, 60.8830

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.



55.2625, 62.7290, 51.6815



60.3211, 62.7290, 92.9330



62.9461, 62.7290, 50.0431

Square

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



60.3211, 62.7290, 92.9330



67.6958, 62.7290, 66.3263



58.9284, 62.7290, 48.4586



52.2172, 62.7290, 70.3150

Rectangle

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



60.3211, 62.7290, 92.9330



66.2243, 62.7290, 81.8166



58.9284, 62.7290, 48.4586



53.4738, 62.7290, 56.3628

Sweetspot

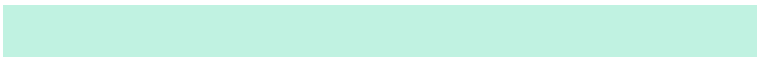
The Sweet Spot groups the original color and five complimentary colors.



60.3230, 62.7316, 92.9344



86.4139, 90.7538, 107.5705



67.1278, 80.1664, 83.4097



18.3029, 19.2171, 22.9946



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.



60.3230, 62.7316, 92.9344



63.0555, 65.2423, 103.8774



58.7866, 56.4370, 91.8004



15.3102, 16.0545, 20.0135



10.1615, 6.5472, 45.8560



0.9318, 0.7176, 3.8436

Inverse Universe

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



66.8543, 61.1322, 67.9534



71.7653, 63.3667, 70.5065



75.0901, 84.7472, 62.2709



15.9813, 15.8422, 17.4576



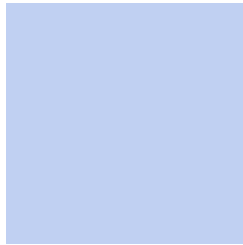
20.4547, 10.4543, 5.0449



1.7453, 0.8872, 0.6496

Previews

White Background



This preview shows how the XYZ color 60.3211, 62.7290, 92.9330 looks on a white background.

Color Contrast Check

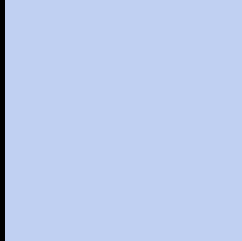
Large Text (above 18pt) WCAG AA × Fail

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 60.3211, 62.7290, 92.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

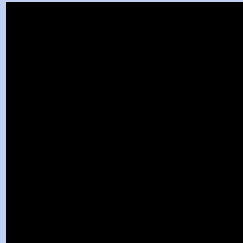
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3211, 62.7290, 92.9330

Background



This preview shows how black text looks on a background with the XYZ color 60.3211, 62.7290, 92.9330.

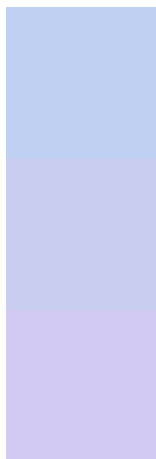


This preview shows how white text looks on a background with the XYZ color 60.3211, 62.7290,

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

60.3211, 62.7290, 92.9330

Protanopia

61.8869, 62.8514, 91.3078

Deuteranopia

63.8765, 62.4138, 93.4744



Tritanopia

58.1457, 62.9534, 81.7597

Trichromacy



Original Color

60.3211, 62.7290, 92.9330

Protanomaly

61.4787, 62.9823, 92.1356

Deuteranomaly

62.3991, 62.3533, 93.5406

Tritanomaly

58.8473, 62.8665, 85.3768

Monochromacy



Original Color

60.3211, 62.7290, 92.9330

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5882, 62.3495, 76.6042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3211, 62.7290, 92.9330 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(192, 208, 242)` looks like.

```
.text, #text, p{  
    color:rgb(192, 208, 242)  
}
```

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(192, 208, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 208, 242) }
```

Border

The CSS property to change the border of an element to XYZ 60.3211, 62.7290, 92.9330 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(192, 208, 242) }
```


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

```
.border{ border-color:rgb(192, 208, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 208, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 208, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 208, 242);  
box-shadow:4px 4px 4px 4px rgb(192, 208,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3211, 62.7290, 92.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 208, 242) }
```

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

```
.background{ background-color: rgb(192,  
208, 242) }
```

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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