

Converting Colors

XYZ(66.0572, 71.8257, 92.0446)

Have a look what the booklet for
XYZ(66.0572, 71.8257, 92.0446)
contains.

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Color

**XYZ(66.0551, 71.8227,
92.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E0EF
RGB	200, 224, 239
RGB Percent	78%, 88%, 94%
CMY	0.2157, 0.1215, 0.0627
CMYK	0.16, 0.06, 0.00, 0.06
HSL	203°, 55%, 86%
HSV	203°, 16%, 94%
XYZ	66.0551, 71.8227, 92.0430
YIQ	218.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

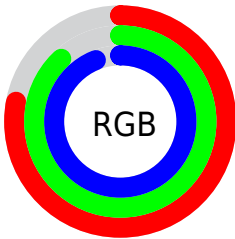
Format	Color
R _Y B	200, 215, 239
Decimal	13164783
CIE Lab	87.88, -4.89, -10.00
CIE LCh	88, 11.128, 243.957
Yxy	71.8227, 0.2873, 0.3124
Android (android.graphics.Color)	4291354863 (0xFFC8E0EF)
YUV	218.5340, 10.0897, -16.2543
Hunter-Lab	84.7483, -9.1817, -5.0696

Details

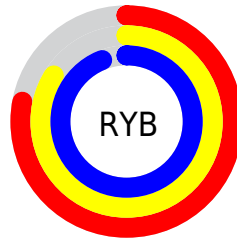
The XYZ color **66.0551, 71.8227, 92.0430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3229, 71.1217, 64.6665**, and the grayscale version is **66.9529, 70.4397, 76.7088**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5893, 37.9058, 50.2933** is the 20% darker color. If you saturate the color by 10%, you get **57.7610, 63.9804, 90.9676**, and if you desaturate by 10%, it is **75.4847, 80.4523, 93.2128**.

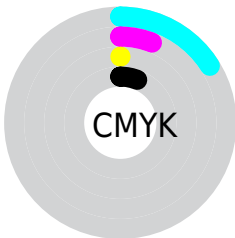
Distribution



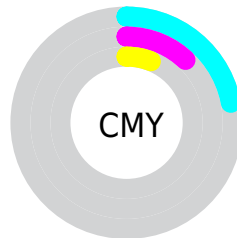
- Red (78%)
- Green (88%)
- Blue (94%)



- Red (78%)
- Yellow (84%)
- Blue (94%)



- Cyan (16%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0551, 71.8227, 92.0430 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 66.0551, 71.8227, 92.0430 by changing the saturation by 10% instead.

■ 66.0551, 71.8227,
92.0430

■ 66.0551, 71.8227,
92.0430

436.0594,
466.9242, 555.3951

■ 48.5850, 53.0139,
69.0931

112.6227,
121.8044, 152.1332

■ 34.5036, 37.8138,
50.3153

142.4509,
153.7461, 190.1106

■ 23.4454, 25.8382,
35.2911

177.1292,
190.8342, 233.9342

■ 15.0453, 16.7027,
23.6018

217.0230,
233.4530, 284.0227

■ 8.9377, 10.0227,
14.8291

262.4975,
281.9871, 340.7944

■ 4.7573, 5.4140,
8.5542

313.9182,

■ 2.1389, 2.4922,

336.8207, 404.6681

4.3588

371.6504,
398.3383, 476.0621

■ 0.7102, 0.8727,
1.8241

■ 0.0000, 0.0000,
0.4438

■ 66.0551, 71.8227,
92.0430

■ 66.0551, 71.8227,
92.0430

■ 57.7610, 63.9804,
90.9676

■ 75.4847, 80.4523,
93.2128

■ 50.5478, 56.8886,
89.9789

■ 86.0888, 89.8867,
94.4750

■ 44.3656, 50.5203,
89.0755

■ 91.4977, 96.8472,
95.5334

■ 39.1577, 44.8429,
88.2542

■ 92.5802, 99.0121,
95.8942

■ 34.8617, 39.8210,
87.5113

■ 31.4071, 35.4147,
86.8428

■ 28.7117, 31.5782,
86.2444

■ 26.6735, 28.2552,
85.7104

■ 26.0288, 27.1293,
85.5271

Harmonies

Analogous

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



64.1303, 71.8227, 86.6300



66.0551, 71.8227, 92.0430



68.6171, 71.8227, 93.6635

Triad

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



66.0551, 71.8227, 92.0430



73.4695, 71.8227, 77.2013



65.4618, 71.8227, 66.7251

Complementary

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



66.0551, 71.8227, 92.0430



70.3229, 71.1217, 64.6665

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.



67.9147, 71.8227, 64.5444



66.0551, 71.8227, 92.0430



72.5744, 71.8227, 70.3405

Square

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



66.0551, 71.8227, 92.0430



72.9408, 71.8227, 84.7783



70.5243, 71.8227, 65.8244



63.7940, 71.8227, 71.9762

Rectangle

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



66.0551, 71.8227, 92.0430



70.3528, 71.8227, 92.2933



70.5243, 71.8227, 65.8244



66.2196, 71.8227, 65.6246

Sweetspot

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



66.0572, 71.8257, 92.0446



88.9696, 94.5731, 108.1730



66.9466, 78.9174, 75.9618



18.8662, 20.0834, 23.1321



0.0000, 0.0000, 0.0000



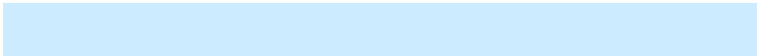
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0572, 71.8257, 92.0446



72.7715, 79.6967, 106.1553



61.1247, 61.9606, 90.4004



15.7073, 16.8487, 20.1459



14.5148, 15.2539, 47.3071



1.3035, 1.4609, 3.9675

Inverse Universe

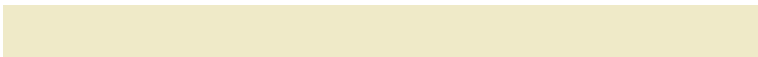
The Inverse Universe completely reimagines the original color for something new.



69.7071, 65.0428, 79.4050



77.8845, 70.4664, 88.3883



75.5742, 81.6243, 66.4170



16.1817, 15.9224, 18.5130



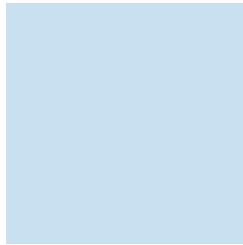
22.6520, 11.3332, 16.6160



1.9329, 0.9622, 1.6374

Previews

White Background



This preview shows how the XYZ color 66.0551, 71.8227, 92.0430 looks on a white background.

Color Contrast Check

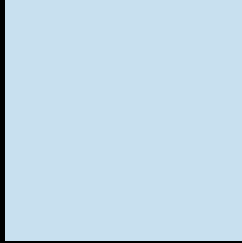
Large Text (above 18pt) WCAG AA × Fail

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 66.0551, 71.8227, 92.0430 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

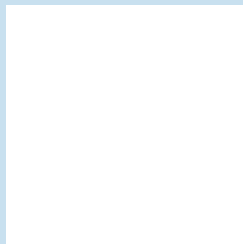
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0551, 71.8227, 92.0430

Background



This preview shows how black text looks on a background with the XYZ color 66.0551, 71.8227, 92.0430.



This preview shows how white text looks on a background with the XYZ color 66.0551, 71.8227,

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





Tritanopia

66.3523, 71.9415, 93.6081

Trichromacy



Original Color

66.0551, 71.8227, 92.0430

Protanomaly

68.2939, 71.8244, 90.3848

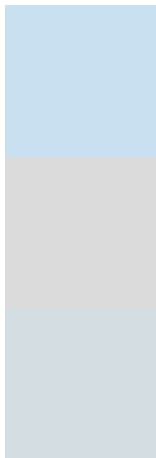
Deuteranomaly

70.3148, 71.6497, 92.5619

Tritanomaly

66.2032, 71.8819, 92.8234

Monochromacy



Original Color

66.0551, 71.8227, 92.0430

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7353, 71.2009, 82.1773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0551, 71.8227, 92.0430 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(200, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(200, 224, 239)  
}
```

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(200, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 224, 239) }
```

Border

The CSS property to change the border of an element to XYZ 66.0551, 71.8227, 92.0430 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(200, 224, 239) }
```


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

```
.border{ border-color:rgb(200, 224, 239) }
```

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

Here you see how a box with a 4 pixel rgb(200, 224, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(200, 224,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0551, 71.8227, 92.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 224, 239) }
```

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

```
.background{ background-color: rgb(200,  
224, 239) }
```

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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