

Converting Colors

XYZ(67.2739, 72.0702, 91.2541)

Have a look what the booklet for
XYZ(67.2739, 72.0702, 91.2541)
contains.

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Color

**XYZ(67.2739, 72.0702,
91.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDFEE
RGB	206, 223, 238
RGB Percent	81%, 87%, 93%
CMY	0.1921, 0.1255, 0.0667
CMYK	0.13, 0.06, 0.00, 0.07
HSL	208°, 48%, 87%
HSV	208°, 13%, 93%
XYZ	67.2739, 72.0702, 91.2541
YIQ	219.6270, -14.9470, 1.0610

Conversions

Conversions Part 2

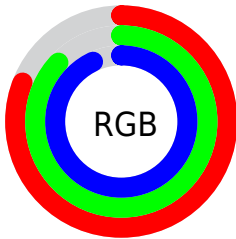
Format	Color
R _Y B	206, 217, 238
Decimal	13557742
CIE Lab	88.00, -2.69, -9.25
CIE LCh	88, 9.634, 253.774
Yxy	72.0702, 0.2917, 0.3125
Android (android.graphics.Color)	4291747822 (0xFFCEDFEE)
YUV	219.6270, 9.0579, -11.9509
Hunter-Lab	84.8942, -7.1135, -4.3059

Details

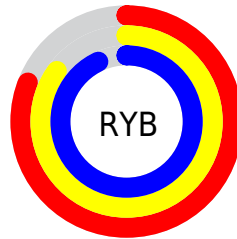
The XYZ color **67.2739, 72.0702, 91.2541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2574, 74.3460, 68.9358**, and the grayscale version is **67.7157, 71.2422, 77.5828**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3950, 38.0581, 49.7364** is the 20% darker color. If you saturate the color by 10%, you get **58.2782, 63.1552, 90.0086**, and if you desaturate by 10%, it is **77.4707, 81.8996, 92.6151**.

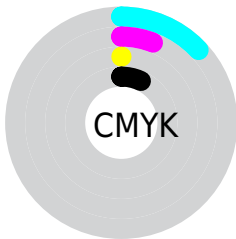
Distribution



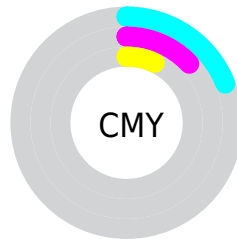
- Red (81%)
- Green (87%)
- Blue (93%)



- Red (81%)
- Yellow (85%)
- Blue (93%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2739, 72.0702, 91.2541 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 67.2739, 72.0702, 91.2541 by changing the saturation by 10% instead.

■ 67.2739, 72.0702,
91.2541

■ 67.2739, 72.0702,
91.2541

440.3363,
467.7859, 552.7770

■ 49.5788, 53.2160,
68.4417

114.3604,
122.1563, 151.0299

■ 35.2952, 37.9752,
49.7882

144.4825,
154.1571, 188.8303

■ 24.0580, 25.9635,
34.8752

179.4777,
191.3088, 232.4639

■ 15.5016, 16.7963,
23.2839

219.7112,
233.9959, 282.3491

■ 9.2608, 10.0894,
14.5960

265.5484,
282.6028, 338.9044

■ 4.9701, 5.4583,
8.3929

317.3548,

■ 2.2643, 2.5186,

337.5138, 402.5485

4.2560

375.4956,
399.1134, 473.6999

■ 0.7763, 0.8859,
1.7668

■ 0.0000, 0.0000,
0.4059

■ 67.2739, 72.0702,
91.2541

■ 67.2739, 72.0702,
91.2541

■ 58.2782, 63.1552,
90.0086

■ 77.4707, 81.8996,
92.6151

■ 50.4286, 55.1151,
88.8704

■ 88.9078, 92.6634,
94.0899

■ 43.6751, 47.9201,
87.8376

■ 92.4328, 98.9531,
95.1181

■ 37.9612, 41.5354,
86.9064

■ 33.2251, 35.9228,
86.0727

■ 29.3976, 31.0404,
85.3320

■ 26.3989, 26.8406,
84.6794

■ 24.1334, 23.2671,
84.1090

■ 22.9527, 21.2129,
83.7748

Harmonies

Analogous

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



65.3608, 72.0702, 87.5519



67.2739, 72.0702, 91.2541



69.5575, 72.0702, 91.4091

Triad

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



67.2739, 72.0702, 91.2541



72.8802, 72.0702, 75.4990



65.4904, 72.0702, 69.6889

Complementary

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



67.2739, 72.0702, 91.2541



72.2574, 74.3460, 68.9358

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.



67.4544, 72.0702, 66.8174



67.2739, 72.0702, 91.2541



71.7393, 72.0702, 70.0430

Square

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



67.2739, 72.0702, 91.2541



72.8292, 72.0702, 82.0598



69.7420, 72.0702, 66.9433



64.3469, 72.0702, 74.9907

Rectangle

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



67.2739, 72.0702, 91.2541



70.9852, 72.0702, 89.4625



69.7420, 72.0702, 66.9433



66.0746, 72.0702, 68.4210

Sweetspot

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



67.2760, 72.0732, 91.2557



89.8904, 95.1044, 108.2270



69.0717, 79.4890, 80.0638



19.0382, 20.1634, 23.1385



0.0000, 0.0000, 0.0000



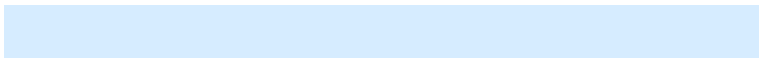
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2760, 72.0732, 91.2557



75.8005, 81.4674, 106.3374



63.2166, 63.9543, 89.9026



15.5926, 16.6194, 20.1077



12.9360, 12.0962, 46.7809



1.1757, 1.2054, 3.9249

Inverse Universe

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



70.6522, 67.6491, 79.1493



80.4599, 75.5035, 89.5975



76.6665, 83.1643, 70.4055



16.1238, 15.8992, 18.2083



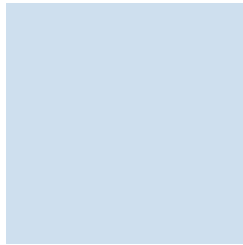
21.8551, 11.0145, 12.4195



1.8684, 0.9364, 1.2978

Previews

White Background



This preview shows how the XYZ color 67.2739, 72.0702, 91.2541 looks on a white background.

Color Contrast Check

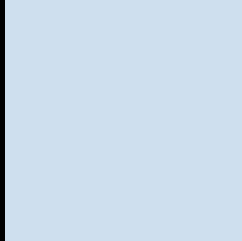
Large Text (above 18pt) WCAG AA × Fail

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 67.2739, 72.0702, 91.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

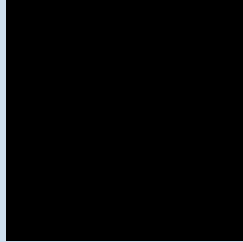
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

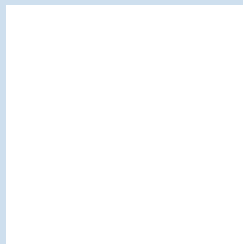
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2739, 72.0702, 91.2541

Background



This preview shows how black text looks on a background with the XYZ color 67.2739, 72.0702, 91.2541.



This preview shows how white text looks on a background with the XYZ color 67.2739, 72.0702,

91.2541.

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

67.2739, 72.0702, 91.2541

Protanopia

69.9870, 71.9348, 89.5530

Deuteranopia

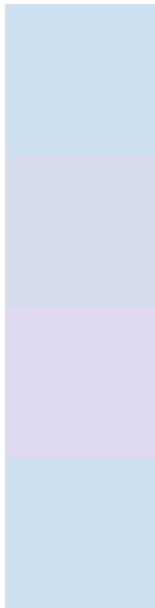
73.3790, 71.7080, 92.4116



Tritanopia

67.5695, 72.1884, 92.8105

Trichromacy



Original Color

67.2739, 72.0702, 91.2541

Protanomaly

68.9036, 71.7479, 90.3379

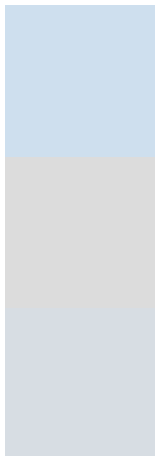
Deuteranomaly

70.8243, 71.5457, 91.7382

Tritanomaly

67.4213, 72.1292, 92.0302

Monochromacy



Original Color

67.2739, 72.0702, 91.2541

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7459, 71.7060, 82.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2739, 72.0702, 91.2541 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(206, 223, 238)` looks like.

```
.text, #text, p{  
    color:rgb(206, 223, 238)  
}
```

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(206, 223, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 223, 238) }
```

Border

The CSS property to change the border of an element to XYZ 67.2739, 72.0702, 91.2541 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(206, 223, 238) }
```


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

```
.border{ border-color:rgb(206, 223, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 223, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 223, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 223, 238);  
box-shadow:4px 4px 4px 4px rgb(206, 223,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2739, 72.0702, 91.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 223, 238) }
```

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

```
.background{ background-color: rgb(206,  
223, 238) }
```

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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