

Converting Colors

XYZ(69.3765, 78.6930, 91.6789)

Have a look what the booklet for
XYZ(69.3765, 78.6930, 91.6789)
contains.

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Color

**XYZ(69.3689, 78.5228,
91.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	C9ECED
RGB	201, 236, 237
RGB Percent	79%, 93%, 93%
CMY	0.2118, 0.0745, 0.0706
CMYK	0.15, 0.00, 0.00, 0.07
HSL	182°, 50%, 86%
HSV	182°, 15%, 93%
XYZ	69.3689, 78.5228, 91.6211
YIQ	225.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

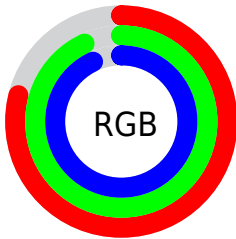
Format	Color
R_{YB}	201, 219, 237
Decimal	13233389
CIE _{Lab}	91.02, -11.11, -4.30
CIE _{LCh}	91, 11.916, 201.171
Yxy	78.5228, 0.2896, 0.3278
Android (android.graphics.Color)	4291423469 (0xFFC9ECED)
YUV	225.6490, 5.5960, -21.6172
Hunter-Lab	88.6131, -15.3379, 0.7265

Details

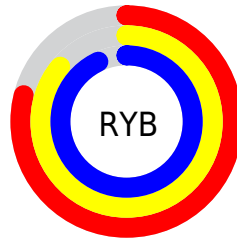
The XYZ color **69.3689, 78.5228, 91.6211** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5888, 64.4626, 64.1927**, and the grayscale version is **72.0090, 75.7591, 82.5016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6944, 42.1818, 49.9240** is the 20% darker color. If you saturate the color by 10%, you get **63.2949, 75.1136, 91.2845**, and if you desaturate by 10%, it is **76.4311, 82.4466, 92.0075**.

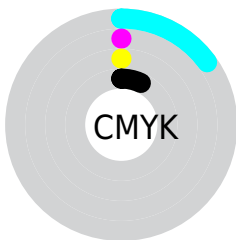
Distribution



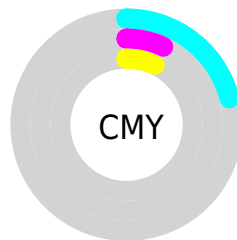
- Red (79%)
- Green (93%)
- Blue (93%)



- Red (79%)
- Yellow (86%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3689, 78.5228, 91.6211 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 69.3689, 78.5228, 91.6211 by changing the saturation by 10% instead.

■ 69.3689, 78.5228,
91.6211

■ 69.3689, 78.5228,
91.6211

447.6320,
489.9405, 553.9958

■ 51.2899, 58.5035,
68.7447

117.3395,
131.2868, 151.5433

■ 36.6614, 42.2136,
50.0333

147.9619,
164.8004, 189.4261

■ 25.1179, 29.2686,
35.0685

183.4961,
203.5809, 233.1482

■ 16.2941, 19.2841,
23.4317

224.3074,
248.0127, 283.1280

■ 9.8247, 11.8757,
14.7043

270.7614,
298.4801, 339.7842

■ 5.3442, 6.6591,
8.4678

323.2232,

■ 2.4874, 3.2498,

355.3676, 403.5351

4.3037

382.0583,
419.0596, 474.7995

■ 0.8889, 1.2635,
1.7934

■ 0.0000, 0.1127,
0.4236

■ 69.3689, 78.5228,
91.6211

■ 69.3689, 78.5228,
91.6211

■ 63.2949, 75.1136,
91.2845

■ 76.4311, 82.4466,
92.0075

■ 58.1574, 72.1862,
90.9902

■ 84.5168, 86.8970,
92.4403

■ 53.9103, 69.7188,
90.7378

■ 87.0932, 88.5083,
92.6156

■ 50.5007, 67.6842,
90.5247

■ 87.2846, 88.8911,
92.6794

47.8705, 66.0523,
90.3484

87.4767, 89.2752,
92.7434

45.9537, 64.7894,
90.2057

87.6695, 89.6608,
92.8077

44.6740, 63.8558,
90.0929

87.8630, 90.0478,
92.8722

43.9370, 63.2031,
90.0058

88.0571, 90.4362,
92.9369

43.7055, 62.9528,
89.9697

88.2520, 90.8260,
93.0018

Harmonies

Analogous

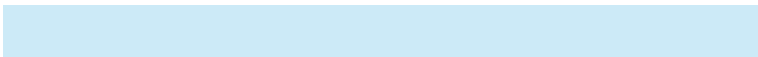
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0628, 78.5228, 82.9807



69.3689, 78.5228, 91.6211



71.0655, 78.5228, 99.0624

Triad

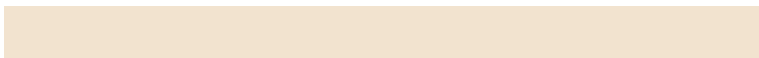
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3689, 78.5228, 91.6211



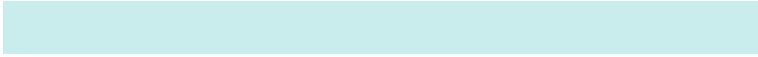
79.2307, 78.5228, 96.3102



75.5248, 78.5228, 70.1518

Complementary

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



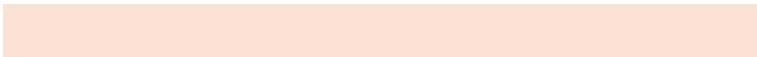
69.3689, 78.5228, 91.6211



66.5888, 64.4626, 64.1927

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.



78.3191, 78.5228, 73.2320



69.3689, 78.5228, 91.6211



80.4961, 78.5228, 88.0656

Square

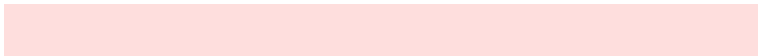
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3689, 78.5228, 91.6211



76.7420, 78.5228, 101.8936



80.1581, 78.5228, 79.6539



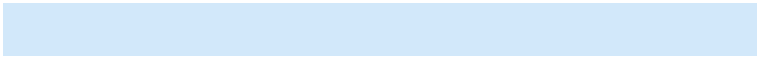
72.5641, 78.5228, 70.9628

Rectangle

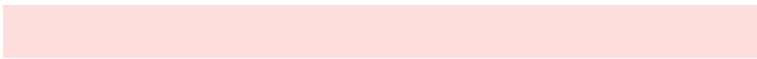
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3689, 78.5228, 91.6211



72.7824, 78.5228, 102.1542



80.1581, 78.5228, 79.6539



76.5159, 78.5228, 70.7585

Sweetspot

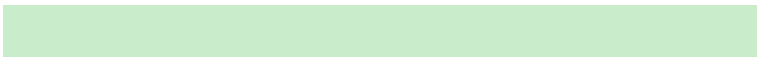
The Sweet Spot groups the original color and five complimentary colors.



69.3712, 78.5261, 91.6229



90.4013, 97.4365, 108.6502



64.9863, 77.2326, 67.1128



19.2150, 20.7810, 23.2483



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.



69.3712, 78.5261, 91.6229



79.7287, 91.5016, 108.0672



64.5501, 68.8839, 90.0158



15.4798, 17.0461, 19.3966



23.8781, 34.4033, 49.1250



1.8863, 2.7241, 3.8613

Inverse Universe

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



70.9538, 65.8356, 88.3285



81.9110, 74.0484, 103.5142



70.9574, 73.1997, 65.6488



15.6958, 15.3062, 18.9491



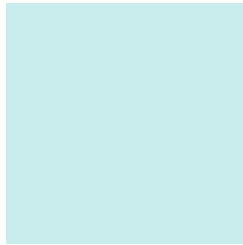
26.9079, 12.9658, 42.1778



2.1186, 1.0204, 3.3420

Previews

White Background



This preview shows how the XYZ color 69.3689, 78.5228, 91.6211 looks on a white background.

Color Contrast Check

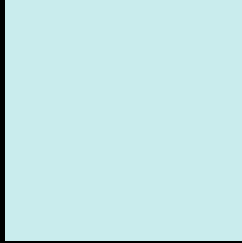
Large Text (above 18pt) WCAG AA × Fail

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 69.3689, 78.5228, 91.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

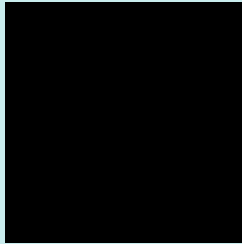
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3689, 78.5228, 91.6211

Background



This preview shows how black text looks on a background with the XYZ color 69.3689, 78.5228, 91.6211.



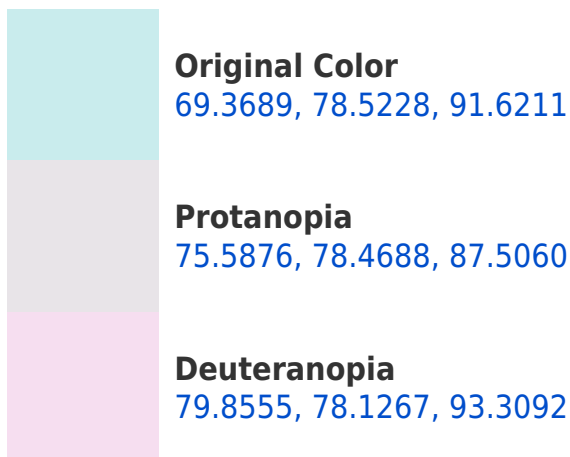
This preview shows how white text looks on a background with the XYZ color 69.3689, 78.5228,

91.6211.

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

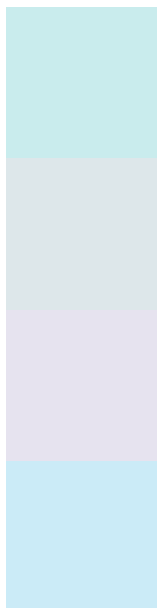




Tritanopia

71.8953, 78.7113, 103.4990

Trichromacy



Original Color

69.3689, 78.5228, 91.6211

Protanomaly

73.2460, 78.4645, 89.1266

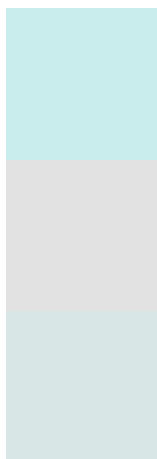
Deuteranomaly

75.6822, 77.9932, 92.7267

Tritanomaly

71.1254, 78.8286, 99.4624

Monochromacy



Original Color

69.3689, 78.5228, 91.6211

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.1950, 77.0585, 85.9843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3689, 78.5228, 91.6211 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(201, 236, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 237)  
}
```

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(201, 236, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 237) }
```

Border

The CSS property to change the border of an element to XYZ 69.3689, 78.5228, 91.6211 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(201, 236, 237) }
```


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

```
.border{ border-color:rgb(201, 236, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 236, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 236, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 236,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3689, 78.5228, 91.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 236, 237) }
```

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

```
.background{ background-color: rgb(201,  
236, 237) }
```

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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