

Converting Colors

XYZ(69.9543, 75.7530, 97.3210)

Have a look what the booklet for
XYZ(69.9543, 75.7530, 97.3210)
contains.

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Color

**XYZ(69.9543, 75.7530,
97.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5F5
RGB	206, 229, 245
RGB Percent	81%, 90%, 96%
CMY	0.1921, 0.1019, 0.0392
CMYK	0.16, 0.07, 0.00, 0.04
HSL	205°, 66%, 88%
HSV	205°, 16%, 96%
XYZ	69.9543, 75.7530, 97.3210
YIQ	223.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

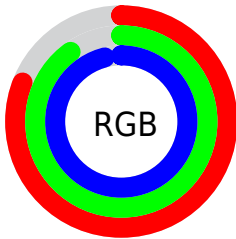
Format	Color
R _Y B	206, 220, 245
Decimal	13559285
CIE Lab	89.74, -4.36, -10.34
CIE LCh	90, 11.218, 247.128
Yxy	75.7530, 0.2878, 0.3117
Android (android.graphics.Color)	4291749365 (0xFFCEE5F5)
YUV	223.9470, 10.3791, -15.7395
Hunter-Lab	87.0362, -8.8461, -5.3708

Details

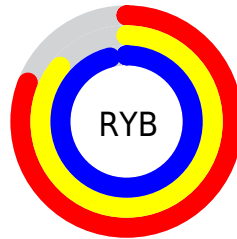
The XYZ color **69.9543, 75.7530, 97.3210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9185, 76.1110, 69.1362**, and the grayscale version is **70.7534, 74.4380, 81.0630**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.0839, 40.5255, 54.0118** is the 20% darker color. If you saturate the color by 10%, you get **60.9756, 67.1171, 96.1285**, and if you desaturate by 10%, it is **80.1587, 85.2637, 98.6201**.

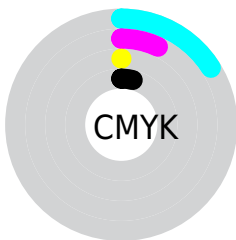
Distribution



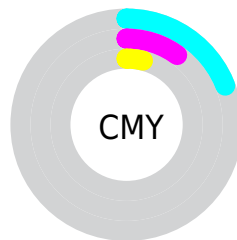
- Red (81%)
- Green (90%)
- Blue (96%)



- Red (81%)
- Yellow (86%)
- Blue (96%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9543, 75.7530, 97.3210 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 69.9543, 75.7530, 97.3210 by changing the saturation by 10% instead.

■ 69.9543, 75.7530,
97.3210

■ 69.9543, 75.7530,
97.3210

449.6584,
480.5018, 572.7421

■ 51.7687, 56.2300,
73.4607

118.1702,
127.3777, 159.4903

■ 37.0443, 40.3874,
53.8587

148.9313,
160.2482, 198.6365

■ 25.4156, 27.8407,
38.0963

184.6149,
198.3366, 243.7150

■ 16.5174, 18.2056,
25.7550

225.5864,
242.0274, 295.1444

■ 9.9841, 11.0977,
16.4163

272.2111,
291.7049, 353.3433

■ 5.4506, 6.1326,
9.6617

324.8545,

■ 2.5515, 2.9259,

347.7535, 418.7302

5.0726

383.8818,
410.5577, 491.7236

■ 0.9213, 1.0932,
2.2304

■ 0.0000, 0.0000,
0.6918

■ 69.9543, 75.7530,
97.3210

■ 69.9543, 75.7530,
97.3210

■ 60.9756, 67.1171,
96.1285

■ 80.1587, 85.2637,
98.6201

■ 53.1641, 59.3158,
95.0345

■ 91.6294, 95.6681,
100.0238

■ 46.4665, 52.3197,
94.0371

■ 93.4817, 99.3727,
100.6412

■ 40.8224, 46.0933,
93.1327

■ 36.1650, 40.5978,
92.3175

■ 32.4192, 35.7901,
91.5869

■ 29.4976, 31.6205,
90.9361

■ 27.2927, 28.0288,
90.3590

■ 26.5320, 26.6933,
90.1413

Harmonies

Analogous

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



67.8449, 75.7530, 92.0178



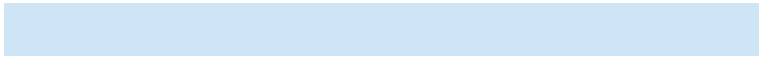
69.9543, 75.7530, 97.3210



72.6626, 75.7530, 98.5313

Triad

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



69.9543, 75.7530, 97.3210



77.4061, 75.7530, 80.6073



68.8395, 75.7530, 70.9286

Complementary

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



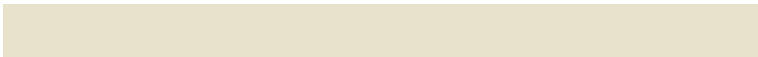
69.9543, 75.7530, 97.3210



74.9185, 76.1110, 69.1362

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.



71.3433, 75.7530, 68.2778



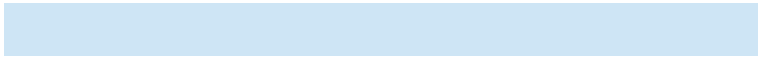
69.9543, 75.7530, 97.3210



76.3234, 75.7530, 73.6291

Square

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



69.9543, 75.7530, 97.3210



77.0112, 75.7530, 88.5427



74.0871, 75.7530, 69.2339



67.2128, 75.7530, 76.7046

Rectangle

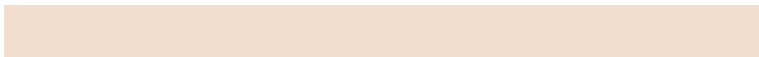
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9543, 75.7530, 97.3210



74.4524, 75.7530, 96.7885



74.0871, 75.7530, 69.2339



69.6039, 75.7530, 69.6599

Sweetspot

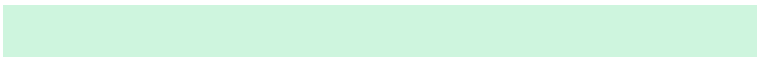
The Sweet Spot groups the original color and five complimentary colors.



69.9565, 75.7561, 97.3227



88.8681, 94.3700, 108.1391



71.2386, 83.6805, 81.2251



18.8415, 20.0340, 23.1238



0.0000, 0.0000, 0.0000



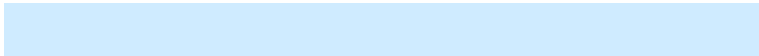
20.3446, 21.4041, 23.3091

Same Dimension

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



69.9565, 75.7561, 97.3227



73.4013, 79.9101, 106.1633



64.9583, 65.7597, 95.6566



16.3936, 17.5515, 21.0663



14.4328, 14.6594, 48.6069



1.3695, 1.4904, 4.3057

Inverse Universe

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



73.8721, 69.2138, 83.5985



78.4577, 71.6734, 88.3926



80.2829, 86.8398, 70.9243



16.9093, 16.6466, 19.2687



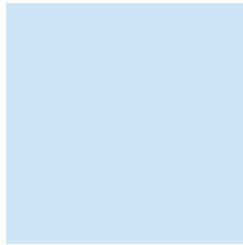
23.0895, 11.5792, 15.7116



2.0803, 1.0381, 1.6493

Previews

White Background



This preview shows how the XYZ color 69.9543, 75.7530, 97.3210 looks on a white background.

Color Contrast Check

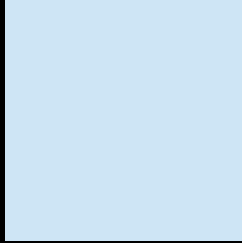
Large Text (above 18pt) WCAG AA × Fail

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 69.9543, 75.7530, 97.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

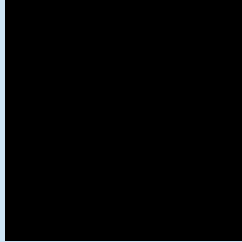
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

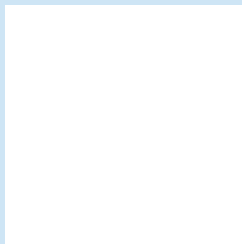
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.9543, 75.7530, 97.3210

Background



This preview shows how black text looks on a background with the XYZ color 69.9543, 75.7530, 97.3210.



This preview shows how white text looks on a background with the XYZ color 69.9543, 75.7530,

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

69.9543, 75.7530, 97.3210

Protanopia

73.4231, 75.5694, 94.7209

Deuteranopia

77.0451, 75.3830, 98.4853



Tritanopia

70.2614, 75.8758, 98.9380

Trichromacy



Original Color

69.9543, 75.7530, 97.3210

Protanomaly

71.9893, 75.6155, 95.5950

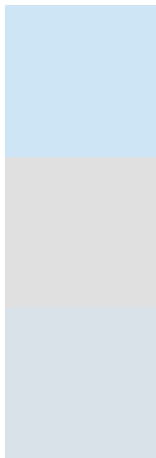
Deuteranomaly

74.3863, 75.5979, 97.8601

Tritanomaly

70.1075, 75.8143, 98.1273

Monochromacy



Original Color

69.9543, 75.7530, 97.3210

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.3771, 74.9706, 87.1054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9543, 75.7530, 97.3210 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, 229, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 245)  
}
```

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, 229, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 245) }
```

Border

The CSS property to change the border of an element to XYZ 69.9543, 75.7530, 97.3210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

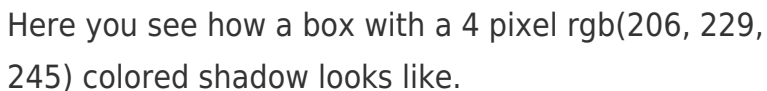
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 229, 245) }
```


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

```
.border{ border-color:rgb(206, 229, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 229, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 245);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9543, 75.7530, 97.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 245) }
```

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

```
.background{ background-color: rgb(206,  
229, 245) }
```

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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