

Converting Colors

XYZ(65.5585, 69.9236, 77.0592)

Have a look what the booklet for
XYZ(65.5585, 69.9236, 77.0592)
contains.

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Color

**XYZ(65.5583, 69.9236,
77.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DBDB
RGB	213, 219, 219
RGB Percent	84%, 86%, 86%
CMY	0.1647, 0.1412, 0.1412
CMYK	0.03, 0.00, 0.00, 0.14
HSL	180°, 8%, 85%
HSV	180°, 3%, 86%
XYZ	65.5583, 69.9236, 77.0592
YIQ	217.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

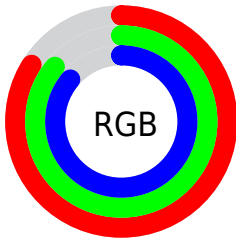
Format	Color
R _Y B	213, 216, 219
Decimal	14015451
CIE Lab	86.96, -2.02, -0.72
CIE LCh	87, 2.140, 199.532
Yxy	69.9236, 0.3084, 0.3290
Android (android.graphics.Color)	4292205531 (0xFFD5DBDB)
YUV	217.2060, 0.8844, -3.6887
Hunter-Lab	83.6203, -6.3917, 3.8963

Details

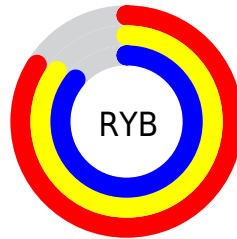
The XYZ color **65.5583, 69.9236, 77.0592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0205, 67.4546, 72.5473**, and the grayscale version is **66.0921, 69.5341, 75.7226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0769, 36.5004, 40.3712** is the 20% darker color. If you saturate the color by 10%, you get **59.6289, 66.8690, 76.7747**, and if you desaturate by 10%, it is **72.3495, 73.4264, 77.3869**.

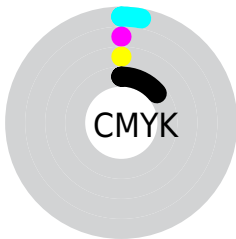
Distribution



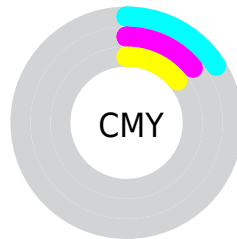
- Red (84%)
- Green (86%)
- Blue (86%)



- Red (84%)
- Yellow (85%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5583, 69.9236, 77.0592 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 65.5583, 69.9236, 77.0592 by changing the saturation by 10% instead.

■ 65.5583, 69.9236,
77.0592

■ 65.5583, 69.9236,
77.0592

434.3091,
460.2817, 504.4089

■ 48.1803, 51.4643,
56.7896

111.9134,
119.0998, 130.9968

■ 34.1815, 36.5782,
40.4281

141.6212,
150.5854, 165.5019

■ 23.1966, 24.8811,
27.5562

176.1697,
187.1820, 205.5893

■ 14.8603, 15.9885,
17.7552

215.9241,
229.2738, 251.6775

■ 8.8071, 9.5160,
10.6068

261.2499,
277.2453, 304.1850

■ 4.6716, 5.0793,
5.6923

312.5125,

■ 2.0887, 2.2938,

331.4808, 363.5303

2.5931

370.0771,
392.3648, 430.1321

■ 0.6831, 0.7704,
0.8889

■ 0.0000, 0.0000,
0.0000

■ 65.5583, 69.9236,
77.0592

■ 65.5583, 69.9236,
77.0592

■ 59.6289, 66.8690,
76.7747

■ 72.3495, 73.4264,
77.3869

■ 54.5213, 64.2361,
76.5273

■ 79.3624, 77.0415,
77.7235

■ 50.2009, 62.0091,
76.3167

■ 79.3641, 77.0421,
77.7320

■ 46.6287, 60.1677,
76.1411

■ 79.3657, 77.0428,
77.7405

■ 43.7621, 58.6901,
75.9985

■ 79.3673, 77.0434,
77.7490

■ 41.5544, 57.5522,
75.8867

■ 79.3689, 77.0441,
77.7575

■ 39.9532, 56.7270,
75.8034

■ 79.3705, 77.0447,
77.7660

■ 38.8982, 56.1833,
75.7456

■ 79.3721, 77.0454,
77.7745

■ 38.3166, 55.8836,
75.7099

■ 79.3737, 77.0460,
77.7830

Harmonies

Analogous

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



65.5193, 69.9236, 75.6358



65.5583, 69.9236, 77.0592



65.8383, 69.9236, 78.2489

Triad

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



65.5583, 69.9236, 77.0592



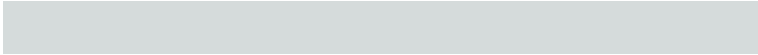
67.1944, 69.9236, 77.9360



66.6351, 69.9236, 73.4593

Complementary

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



65.5583, 69.9236, 77.0592



65.0205, 67.4546, 72.5473

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.



67.0862, 69.9236, 74.0593



65.5583, 69.9236, 77.0592



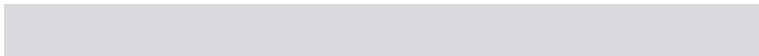
67.4102, 69.9236, 76.6363

Square

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



65.5583, 69.9236, 77.0592



66.7822, 69.9236, 78.7595



67.3705, 69.9236, 75.2180



66.1394, 69.9236, 73.5693

Rectangle

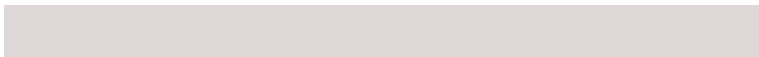
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5583, 69.9236, 77.0592



66.1247, 69.9236, 78.7438



67.3705, 69.9236, 75.2180



66.7970, 69.9236, 73.5843

Sweetspot

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



65.5603, 69.9266, 77.0607



94.1178, 99.5195, 108.8552



64.8134, 69.6312, 72.9761



20.1549, 21.3063, 23.3000



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.



65.5603, 69.9266, 77.0607



92.2906, 98.5776, 108.7673



64.8103, 68.4259, 76.8129



14.1903, 15.2139, 16.8401



22.5926, 33.0697, 44.8814



1.4638, 2.1425, 2.9082

Inverse Universe

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



65.0205, 67.4546, 72.5473



91.4511, 94.7331, 101.7479



65.7565, 68.9272, 72.7905



14.0290, 14.4750, 15.4911



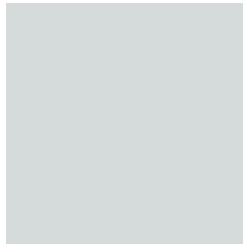
17.3227, 8.9301, 0.8135



1.1224, 0.5786, 0.0533

Previews

White Background



This preview shows how the XYZ color 65.5583, 69.9236, 77.0592 looks on a white background.

Color Contrast Check

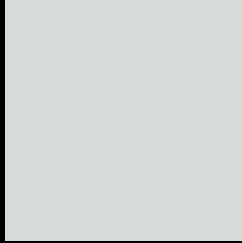
Large Text (above 18pt) WCAG AA × Fail

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 65.5583, 69.9236, 77.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

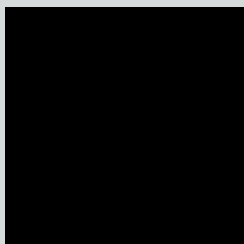
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

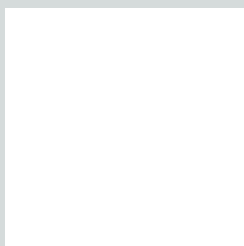
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5583, 69.9236, 77.0592

Background



This preview shows how black text looks on a background with the XYZ color 65.5583, 69.9236, 77.0592.

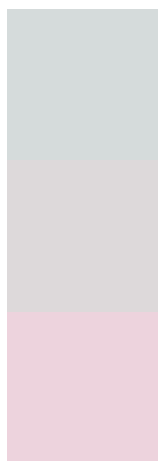


This preview shows how white text looks on a background with the XYZ color 65.5583, 69.9236,

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

65.5583, 69.9236, 77.0592

Protanopia

67.2865, 70.0598, 76.3062

Deuteranopia

71.2705, 69.8135, 78.1256



Tritanopia

67.6885, 70.0133, 87.7883

Trichromacy



Original Color

65.5583, 69.9236, 77.0592

Protanomaly

66.6397, 70.1102, 76.3500

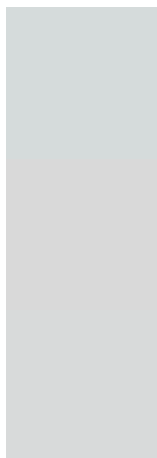
Deuteranomaly

68.9597, 69.7544, 77.5395

Tritanomaly

66.9458, 70.0961, 84.1302

Monochromacy



Original Color

65.5583, 69.9236, 77.0592

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0452, 69.8037, 76.3222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5583, 69.9236, 77.0592 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(213, 219, 219) looks like.

```
.text, #text, p{  
    color:rgb(213, 219, 219)  
}
```

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(213, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 219, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.5583, 69.9236, 77.0592 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(213, 219, 219) }
```


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

```
.border{ border-color:rgb(213, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 219,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5583, 69.9236, 77.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 219, 219) }
```

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

```
.background{ background-color: rgb(213,  
219, 219) }
```

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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