

Converting Colors

XYZ(61.5297, 66.7690, 78.6465)

Have a look what the booklet for
XYZ(61.5297, 66.7690, 78.6465)
contains.

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Color

**XYZ(61.5601, 66.6650,
78.7303)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D8DE
RGB	200, 216, 222
RGB Percent	78%, 85%, 87%
CMY	0.2157, 0.1529, 0.1294
CMYK	0.10, 0.03, 0.00, 0.13
HSL	196°, 25%, 83%
HSV	196°, 10%, 87%
XYZ	61.5601, 66.6650, 78.7303
YIQ	211.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

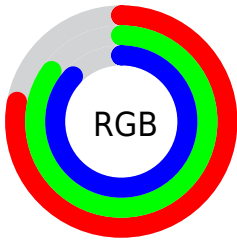
Format	Color
R _Y B	200, 209, 222
Decimal	13162718
CIE Lab	85.33, -4.18, -4.80
CIE LCh	85, 6.364, 228.908
Yxy	66.6650, 0.2975, 0.3221
Android (android.graphics.Color)	4291352798 (0xFFC8D8DE)
YUV	211.9000, 4.9793, -10.4363
Hunter-Lab	81.6486, -8.3026, -0.0168

Details

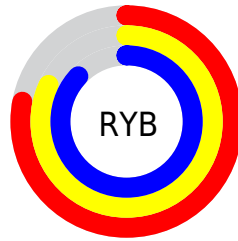
The XYZ color **61.5601, 66.6650, 78.7303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6212, 63.8420, 63.6670**, and the grayscale version is **62.4879, 65.7421, 71.5932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5740, 34.3908, 41.5332** is the 20% darker color. If you saturate the color by 10%, you get **54.5347, 60.7857, 77.9668**, and if you desaturate by 10%, it is **69.5073, 73.1079, 79.5561**.

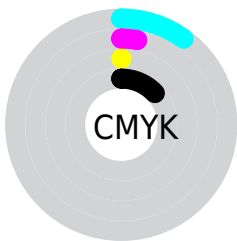
Distribution



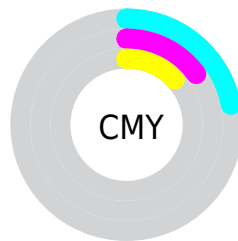
- Red (78%)
- Green (85%)
- Blue (87%)



- Red (78%)
- Yellow (82%)
- Blue (87%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5601, 66.6650, 78.7303 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 61.5601, 66.6650, 78.7303 by changing the saturation by 10% instead.

■ 61.5601, 66.6650,
78.7303

■ 61.5601, 66.6650,
78.7303

420.0678,
448.7514, 510.2370

■ 44.9316, 48.8124,
58.1541

106.1830,
114.4403, 133.3743

■ 31.6046, 34.4707,
41.5170

134.9082,
145.1317, 168.2792

■ 21.2137, 23.2554,
28.4006

168.3962,
180.8716, 208.7974

■ 13.3937, 14.7822,
18.3862

207.0126,
222.0444, 255.3475

■ 7.7791, 8.6667,
11.0553

251.1225,
269.0343, 308.3479

■ 4.0045, 4.5244,
5.9894

301.0915,

■ 1.7047, 1.9710,

322.2259, 368.2173

2.7699

357.2848,
382.0034, 435.3741

■ 0.4592, 0.5906,
0.9784

■ 0.0000, 0.0000,
0.0000

■ 61.5601, 66.6650,
78.7303

■ 61.5601, 66.6650,
78.7303

■ 54.5347, 60.7857,
77.9668

■ 69.5073, 73.1079,
79.5561

■ 48.3879, 55.4414,
77.2592

■ 78.4060, 80.1251,
80.4415

■ 43.0813, 50.6132,
76.6070

■ 83.8931, 85.4702,
81.1840

■ 38.5715, 46.2777,
76.0078

■ 85.6471, 88.9781,
81.7687

■ 34.8108, 42.4095,
75.4594

■ 87.4605, 92.6049,
82.3731

■ 31.7462, 38.9803,
74.9590

■ 89.3338, 96.3517,
82.9976

■ 29.3173, 35.9580,
74.5037

■ 90.1850, 98.0540,
83.2813

■ 27.4525, 33.3046,
74.0898

■ 26.0273, 30.9549,
73.7114

Harmonies

Analogous

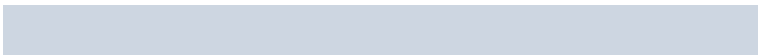
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.7789, 66.6650, 75.1876



61.5601, 66.6650, 78.7303



62.8317, 66.6650, 80.6520

Triad

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



61.5601, 66.6650, 78.7303



66.1200, 66.6650, 74.1236



62.4698, 66.6650, 65.3386

Complementary

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



61.5601, 66.6650, 78.7303



62.6212, 63.8420, 63.6670

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.



63.8974, 66.6650, 65.0781



61.5601, 66.6650, 78.7303



66.0195, 66.6650, 70.0468

Square

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



61.5601, 66.6650, 78.7303



65.4734, 66.6650, 77.9260



65.2009, 66.6650, 66.7716



61.2986, 66.6650, 67.4973

Rectangle

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



61.5601, 66.6650, 78.7303



63.7929, 66.6650, 80.7084



65.2009, 66.6650, 66.7716



62.9352, 66.6650, 65.0293

Sweetspot

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



61.5620, 66.6678, 78.7318



91.6297, 97.2546, 108.5504



61.0662, 68.9728, 68.4033



19.4211, 20.6620, 23.2145



0.0000, 0.0000, 0.0000



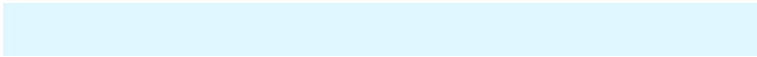
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5620, 66.6678, 78.7318



82.0712, 89.4444, 107.5466



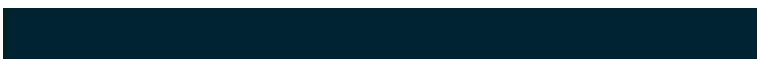
58.8686, 61.2810, 77.8340



13.7841, 14.9074, 17.5386



15.5492, 18.5680, 43.8128



1.1511, 1.4336, 3.0613

Inverse Universe

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



63.1747, 61.7974, 73.5674



84.7392, 81.4809, 98.9811



65.3291, 69.2579, 64.5697



14.1273, 13.8685, 16.4403



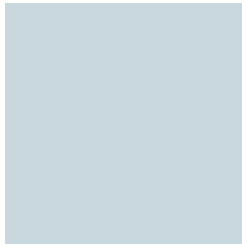
21.7887, 10.7825, 21.3511



1.5473, 0.7622, 1.6747

Previews

White Background



This preview shows how the XYZ color 61.5601, 66.6650, 78.7303 looks on a white background.

Color Contrast Check

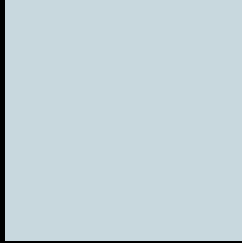
Large Text (above 18pt) WCAG AA × Fail

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 61.5601, 66.6650, 78.7303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

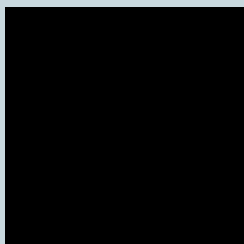
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

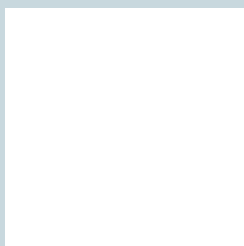
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5601, 66.6650, 78.7303

Background



This preview shows how black text looks on a background with the XYZ color 61.5601, 66.6650, 78.7303.



This preview shows how white text looks on a background with the XYZ color 61.5601, 66.6650,

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

61.5601, 66.6650, 78.7303

Protanopia

64.4861, 66.7013, 77.1860

Deuteranopia

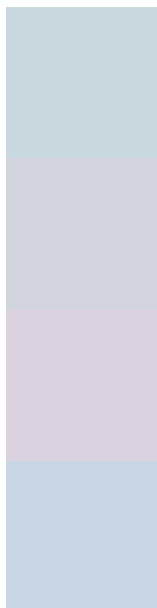
68.0805, 66.6655, 79.8005



Tritanopia

63.2230, 66.9836, 85.9409

Trichromacy



Original Color

61.5601, 66.6650, 78.7303

Protanomaly

63.4237, 66.5106, 77.9017

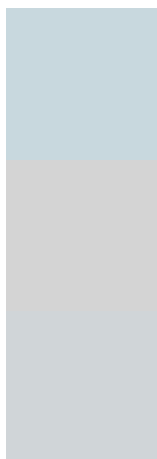
Deuteranomaly

65.2793, 66.3263, 79.1737

Tritanomaly

62.3914, 66.6198, 82.9693

Monochromacy



Original Color

61.5601, 66.6650, 78.7303

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2013, 65.9563, 74.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5601, 66.6650, 78.7303 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, 216, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 216, 222)  
}
```

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, 216, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 216, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.5601, 66.6650, 78.7303 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, 216, 222) }
```


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

```
.border{ border-color:rgb(200, 216, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 216, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 216, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 216, 222); box-shadow:4px 4px 4px 4px rgb(200, 216, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5601, 66.6650, 78.7303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 216, 222) }
```

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

```
.background{ background-color: rgb(200,  
216, 222) }
```

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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