

Converting Colors

XYZ(65.2574, 69.3266, 90.8811)

Have a look what the booklet for
XYZ(65.2574, 69.3266, 90.8811)
contains.

XYZ(65.3927, 69.5326, 90.8635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.3927, 69.5326,
90.8635)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDBEE
RGB	203, 219, 238
RGB Percent	80%, 86%, 93%
CMY	0.2039, 0.1412, 0.0667
CMYK	0.15, 0.08, 0.00, 0.07
HSL	213°, 51%, 86%
HSV	213°, 15%, 93%
XYZ	65.3927, 69.5326, 90.8635
YIQ	216.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

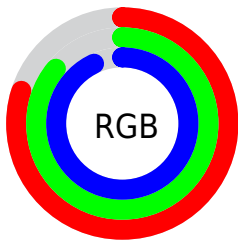
Format	Color
R _{YB}	203, 214, 238
Decimal	13360110
CIE Lab	86.77, -1.56, -11.11
CIE LCh	87, 11.220, 262.006
Yxy	69.5326, 0.2896, 0.3080
Android (android.graphics.Color)	4291550190 (0xFFCDBEE)
YUV	216.3820, 10.6577, -11.7360
Hunter-Lab	83.3862, -5.9435, -6.2362

Details

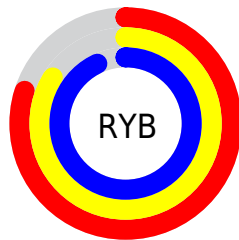
The XYZ color **65.3927, 69.5326, 90.8635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1610, 74.7311, 67.1224**, and the grayscale version is **65.4696, 68.8791, 75.0093**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1134, 36.3179, 49.4681** is the 20% darker color. If you saturate the color by 10%, you get **56.1622, 59.9653, 89.5044**, and if you desaturate by 10%, it is **75.8839, 80.1417, 92.3594**.

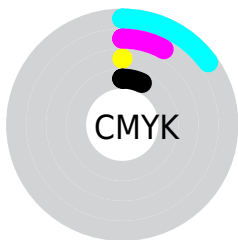
Distribution



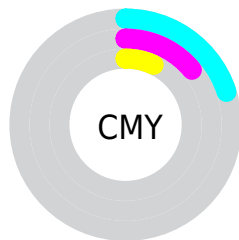
- Red (80%)
- Green (86%)
- Blue (93%)



- Red (80%)
- Yellow (84%)
- Blue (93%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3927, 69.5326, 90.8635 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 65.3927, 69.5326, 90.8635 by changing the saturation by 10% instead.

■ 65.3927, 69.5326,
90.8635

■ 65.3927, 69.5326,
90.8635

433.7248,
458.9072, 551.4782

■ 48.0455, 51.1456,
68.1193

111.6768,
118.5420, 150.4832

■ 34.0743, 36.3245,
49.5275

141.3444,
149.9331, 188.1959

■ 23.1138, 24.6849,
34.6696

175.8495,
186.4277, 231.7350

■ 14.7987, 15.8425,
23.1269

215.5574,
228.4103, 281.5193

■ 8.7637, 9.4127,
14.4811

260.8336,
276.2651, 337.9672

■ 4.6432, 5.0114,
8.3135

312.0433,

■ 2.0721, 2.2539,

330.3766, 401.4973

4.2055

369.5519,
391.1291, 472.5281

■ 0.6740, 0.7492,
1.7388

■ 0.0000, 0.0000,
0.3871

■ 65.3927, 69.5326,
90.8635

■ 65.3927, 69.5326,
90.8635

■ 56.1622, 59.9653,
89.5044

■ 75.8839, 80.1417,
92.3594

■ 48.1349, 51.3961,
88.2735

■ 87.6776, 91.8171,
93.9914

■ 41.2583, 43.7905,
87.1679

■ 92.4328, 98.9531,
95.1182

■ 35.4728, 37.1084,
86.1831

■ 30.7133, 31.3064,
85.3140

■ 26.9068, 26.3367,
84.5554

■ 23.9693, 22.1452,
83.9012

■ 21.7993, 18.6684,
83.3445

■ 20.8824, 17.0723,
83.0847

Harmonies

Analogous

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



63.0452, 69.5326, 87.6185



65.3927, 69.5326, 90.8635



67.9883, 69.5326, 89.8419

Triad

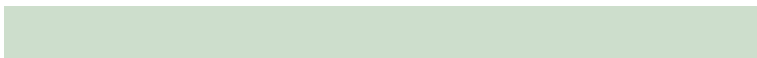
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3927, 69.5326, 90.8635



70.8549, 69.5326, 70.4470



62.2095, 69.5326, 67.1963

Complementary

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



65.3927, 69.5326, 90.8635



72.1610, 74.7311, 67.1224

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.



64.2247, 69.5326, 63.1422



65.3927, 69.5326, 90.8635



69.2285, 69.5326, 64.9311

Square

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



65.3927, 69.5326, 90.8635



71.1875, 69.5326, 77.7270



66.7895, 69.5326, 62.3411



61.2393, 69.5326, 73.7266

Rectangle

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



65.3927, 69.5326, 90.8635



69.5066, 69.5326, 86.9071



66.7895, 69.5326, 62.3411



62.7846, 69.5326, 65.5170

Sweetspot

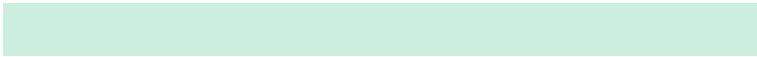
The Sweet Spot groups the original color and five complimentary colors.



65.3948, 69.5355, 90.8651



89.6556, 94.6349, 108.1488



68.3445, 79.1029, 80.5407



18.9788, 20.0447, 23.1187



0.0000, 0.0000, 0.0000



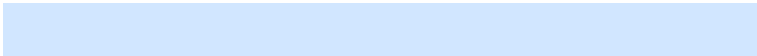
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3948, 69.5355, 90.8651



72.6938, 77.4319, 105.7222



61.7374, 61.7472, 89.5545



15.4927, 16.4195, 20.0743



11.7761, 9.7764, 46.3942



1.0780, 1.0099, 3.8923

Inverse Universe

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



69.4036, 66.0050, 76.1034



78.3601, 72.6281, 84.8155



76.2246, 83.4379, 68.5889



16.0734, 15.8791, 17.9426



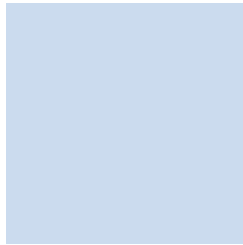
21.2696, 10.7803, 9.3365



1.8191, 0.9167, 1.0380

Previews

White Background



This preview shows how the XYZ color 65.3927, 69.5326, 90.8635 looks on a white background.

Color Contrast Check

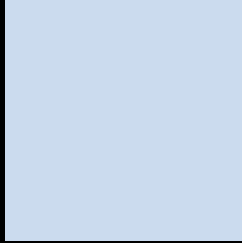
Large Text (above 18pt) WCAG AA × Fail

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 65.3927, 69.5326, 90.8635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

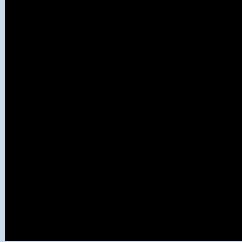
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

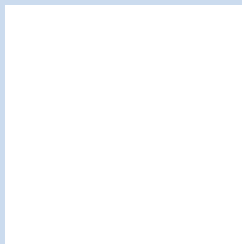
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3927, 69.5326, 90.8635

Background



This preview shows how black text looks on a background with the XYZ color 65.3927, 69.5326, 90.8635.



This preview shows how white text looks on a background with the XYZ color 65.3927, 69.5326,

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

65.3927, 69.5326, 90.8635

Protanopia

67.7205, 69.6149, 89.2247

Deuteranopia

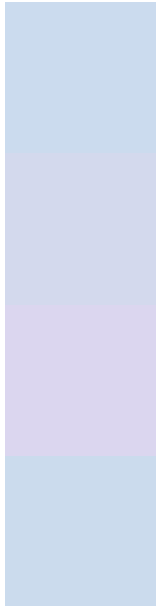
71.0174, 69.3738, 92.0855



Tritanopia

65.2462, 69.4740, 90.0917

Trichromacy



Original Color

65.3927, 69.5326, 90.8635

Protanomaly

66.9629, 69.5890, 90.0235

Deuteranomaly

68.8400, 69.3852, 91.4258

Tritanomaly

65.2462, 69.4740, 90.0917

Monochromacy



Original Color

65.3927, 69.5326, 90.8635

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.1314, 68.8564, 80.3788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3927, 69.5326, 90.8635 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(203, 219, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 219, 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(203, 219, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 219, 238) }
```

Border

The CSS property to change the border of an element to XYZ 65.3927, 69.5326, 90.8635 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(203, 219, 238) }
```


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

```
.border{ border-color:rgb(203, 219, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 219, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 219, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 219, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 219,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3927, 69.5326, 90.8635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 219, 238) }
```

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

```
.background{ background-color: rgb(203,  
219, 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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