

Converting Colors

XYZ(38.1204, 40.5243, 63.1101)

Have a look what the booklet for
XYZ(38.1204, 40.5243, 63.1101)
contains.

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Color

**XYZ(38.0554, 40.5427,
62.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADCC
RGB	148, 173, 204
RGB Percent	58%, 68%, 80%
CMY	0.4196, 0.3216, 0.2000
CMYK	0.27, 0.15, 0.00, 0.20
HSL	213°, 35%, 69%
HSV	213°, 27%, 80%
XYZ	38.0554, 40.5427, 62.9465
YIQ	169.0590, -24.8510, 4.3410

Conversions

Conversions Part 2

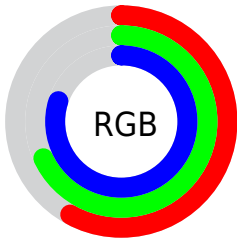
Format	Color
R _{YB}	148, 165, 204
Decimal	9743820
CIE Lab	69.85, -1.54, -18.59
CIE LCh	70, 18.649, 265.262
Yxy	40.5427, 0.2689, 0.2864
Android (android.graphics.Color)	4287933900 (0xFF94ADCC)
YUV	169.0590, 17.2259, -18.4687
Hunter-Lab	63.6731, -4.7443, -14.0422

Details

The XYZ color **38.0554, 40.5427, 62.9465** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.3677, 47.2160, 34.6878**, and the grayscale version is **37.6686, 39.6303, 43.1574**.

A 20% lighter version of the original color is **70.4220, 75.4033, 105.4504**, and **17.1663, 18.3635, 31.4939** is the 20% darker color. If you saturate the color by 10%, you get **32.6111, 34.6571, 62.0981**, and if you desaturate by 10%, it is **44.3355, 47.1328, 63.8882**.

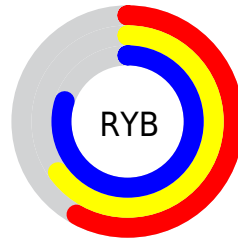
Distribution



Red (58%)

Green (68%)

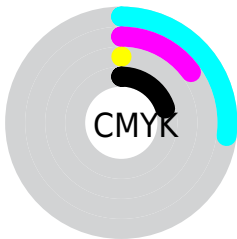
Blue (80%)



Red (58%)

Yellow (65%)

Blue (80%)

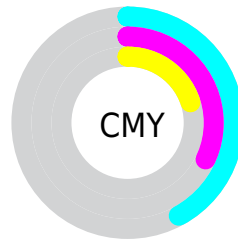


Cyan (27%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0554, 40.5427, 62.9465 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 38.0554, 40.5427, 62.9465 by changing the saturation by 10% instead.

■ 38.0554, 40.5427,
62.9465

■ 38.0554, 40.5427,
62.9465

329.1343,
348.4057, 453.4779

■ 26.2031, 27.9619,
45.3572

■ 71.4964, 75.9892,
110.6772

■ 17.1091, 18.2970,
31.3939

■ 93.8158, 99.6237,
141.6556

■ 10.4081, 11.1634,
20.6380

120.3549,
127.7117, 177.9342

■ 5.7347, 6.1769,
12.6710

151.4792,
160.6373, 219.9314

■ 2.7236, 2.9529,
7.0743

187.5539,
198.7852, 268.0659

■ 1.0093, 1.1072,
3.4295

228.9444,

■ 0.0000, 0.0000,

242.5396, 322.7561

1.3179

276.0161,
292.2850, 384.4206

■ 0.0000, 0.0000,
0.0764

■ 0.0000, 0.0000,
0.0000

■ 38.0554, 40.5427,
62.9465

■ 38.0554, 40.5427,
62.9465

■ 32.6111, 34.6571,
62.0981

■ 44.3355, 47.1328,
63.8882

■ 27.9603, 29.4447,
61.3371

■ 51.4837, 54.4476,
64.9234

■ 24.0622, 24.8783,
60.6612

■ 59.5350, 62.5124,
66.0557

■ 20.8707, 20.9271,
60.0667

■ 68.5213, 71.3496,
67.2878

■ 18.3341, 17.5567,
59.5499

■ 78.4729, 80.9806,
68.6223

■ 16.3921, 14.7282,
59.1063

■ 83.5228, 88.3868,
69.7856

■ 14.9632, 12.3911,
58.7305

■ 86.9652, 95.2718,
70.9331

■ 14.6470, 11.8552,
58.6437

■ 87.8992, 97.1397,
71.2444

Harmonies

Analogous

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



35.3094, 40.5427, 59.3232



38.0554, 40.5427, 62.9465



41.0746, 40.5427, 61.0174

Triad

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



38.0554, 40.5427, 62.9465



44.0470, 40.5427, 37.3999



33.9428, 40.5427, 35.3031

Complementary

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



38.0554, 40.5427, 62.9465



46.3677, 47.2160, 34.6878

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.



36.1016, 40.5427, 30.7091



38.0554, 40.5427, 62.9465



41.9505, 40.5427, 31.8039

Square

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



38.0554, 40.5427, 62.9465



44.6369, 40.5427, 45.5367



39.0178, 40.5427, 29.5170



33.0155, 40.5427, 42.7802

Rectangle

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



38.0554, 40.5427, 62.9465



42.8227, 40.5427, 56.9599



39.0178, 40.5427, 29.5170



34.5428, 40.5427, 33.4111

Sweetspot

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



38.0567, 40.5443, 62.9474



84.4418, 89.3398, 107.4015



41.9230, 52.7290, 50.5109



17.6706, 18.7129, 22.9306



0.0000, 0.0000, 0.0000



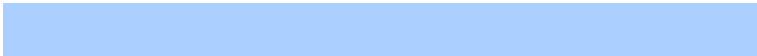
20.3446, 21.4041, 23.3091

Same Dimension

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



38.0567, 40.5443, 62.9474



57.4702, 61.1776, 103.3872



34.2154, 32.1007, 61.5201



11.0072, 11.6548, 14.2398



9.3088, 7.6416, 36.9406



0.5555, 0.5448, 1.9308

Inverse Universe

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



43.0356, 37.0354, 44.4173



67.2114, 54.9039, 67.0005



51.0801, 57.7698, 36.4765



11.4170, 11.2955, 12.7305



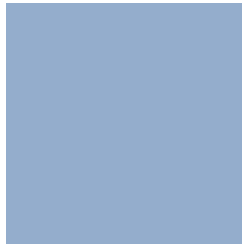
16.9096, 8.5744, 7.2424



0.9104, 0.4575, 0.5738

Previews

White Background



This preview shows how the XYZ color 38.0554, 40.5427, 62.9465 looks on a white background.

Color Contrast Check

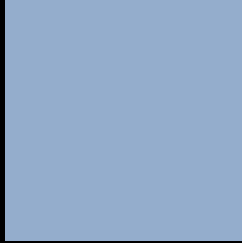
Large Text (above 18pt) WCAG AA × Fail

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 38.0554, 40.5427, 62.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

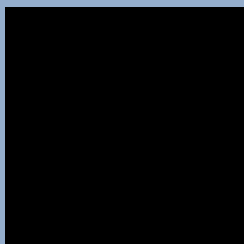
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

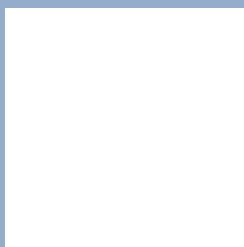
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0554, 40.5427, 62.9465

Background



This preview shows how black text looks on a background with the XYZ color 38.0554, 40.5427, 62.9465.



This preview shows how white text looks on a background with the XYZ color 38.0554, 40.5427,

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

38.0554, 40.5427, 62.9465

Protanopia

40.0404, 40.4855, 60.9625

Deuteranopia

41.4157, 40.5913, 63.4097



Tritanopia

36.1923, 40.3538, 54.0256

Trichromacy



Original Color

38.0554, 40.5427, 62.9465

Protanomaly

39.1359, 40.2828, 61.5898

Deuteranomaly

40.1077, 40.4651, 63.4542

Tritanomaly

36.7277, 40.2781, 56.8776

Monochromacy



Original Color

38.0554, 40.5427, 62.9465

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5162, 39.7039, 49.9423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0554, 40.5427, 62.9465 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(148, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 204)  
}
```

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(148, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.0554, 40.5427, 62.9465 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(148, 173, 204) }
```


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

```
.border{ border-color:rgb(148, 173, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0554, 40.5427, 62.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 204) }
```

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

```
.background{ background-color: rgb(148,  
173, 204) }
```

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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