

Converting Colors

XYZ(36.8640, 41.1118, 61.8695)

Have a look what the booklet for
XYZ(36.8640, 41.1118, 61.8695)
contains.

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Color

**XYZ(36.8640, 41.1118,
61.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB1CA
RGB	138, 177, 202
RGB Percent	54%, 69%, 79%
CMY	0.4588, 0.3059, 0.2078
CMYK	0.32, 0.12, 0.00, 0.21
HSL	203°, 38%, 67%
HSV	203°, 32%, 79%
XYZ	36.8640, 41.1118, 61.8695
YIQ	168.1890, -31.2690, -0.4930

Conversions

Conversions Part 2

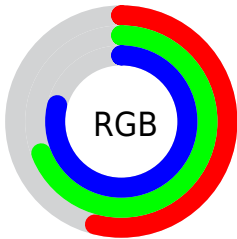
Format	Color
RYB	138, 162, 202
Decimal	9089482
CIELab	70.25, -7.15, -16.94
CIElCh	70, 18.387, 247.115
Yxy	41.1118, 0.2636, 0.2940
Android (android.graphics.Color)	4287279562 (0xFF8AB1CA)
YUV	168.1890, 16.6688, -26.4758
Hunter-Lab	64.1185, -9.5813, -12.3274

Details

The XYZ color **36.8640, 41.1118, 61.8695** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **42.0423, 40.5863, 29.6638**, and the grayscale version is **37.2449, 39.1846, 42.6720**.

A 20% lighter version of the original color is **69.1812, 76.8353, 105.7922**, and **16.3907, 18.5319, 30.7301** is the 20% darker color. If you saturate the color by 10%, you get **32.3143, 36.5201, 61.2237**, and if you desaturate by 10%, it is **42.1280, 46.2074, 62.5763**.

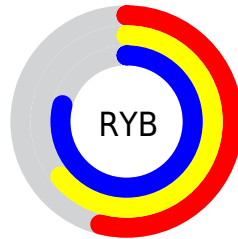
Distribution



Red (54%)

Green (69%)

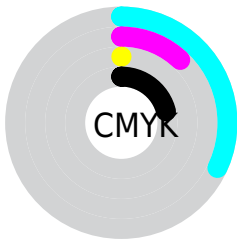
Blue (79%)



Red (54%)

Yellow (64%)

Blue (79%)

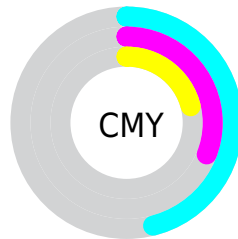


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (46%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8640, 41.1118, 61.8695 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 36.8640, 41.1118, 61.8695 by changing the saturation by 10% instead.

■ 36.8640, 41.1118,
61.8695

■ 36.8640, 41.1118,
61.8695

324.0871,
350.7877, 449.4494

■ 25.2754, 28.4065,
44.4922

■ 69.6788, 76.8536,
109.1067

■ 16.4122, 18.6323,
30.7176

■ 91.6356, 100.6588,
139.8036

■ 9.9090, 11.4049,
20.1272

■ 117.7793,
128.9328, 175.7774

■ 5.4005, 6.3399,
12.3026

148.4751,
162.0599, 217.4467

■ 2.5212, 3.0528,
6.8250

184.0885,
200.4245, 265.2300

■ 0.9060, 1.1594,
3.2761

224.9847,

■ 0.0000, 0.0281,

244.4111, 319.5459

1.2373

271.5291,
294.4040, 380.8128

■ 0.0000, 0.0000,
0.0096

■ 0.0000, 0.0000,
0.0000

■ 36.8640, 41.1118,
61.8695

■ 36.8640, 41.1118,
61.8695

■ 32.3143, 36.5201,
61.2237

■ 42.1280, 46.2074,
62.5763

■ 28.4389, 32.4067,
60.6340

■ 48.1356, 51.8214,
63.3433

■ 25.1997, 28.7505,
60.0990

■ 54.9194, 57.9735,
64.1732

■ 22.5529, 25.5265,
59.6162

■ 62.5086, 64.6811,
65.0679

■ 20.4482, 22.7065,
59.1828

■ 70.9308, 71.9603,
66.0290

■ 18.8262, 20.2573,
58.7956

■ 78.6491, 79.0208,
66.9851

■ 17.7561, 18.4550,
58.5041

■ 80.8234, 83.3696,
67.7099

■ 83.0975, 87.9178,
68.4679

■ 85.4727, 92.6681,
69.2596

Harmonies

Analogous

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



34.6323, 41.1118, 55.5490



36.8640, 41.1118, 61.8695



39.7980, 41.1118, 63.3441

Triad

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



36.8640, 41.1118, 61.8695



45.1155, 41.1118, 42.7385



35.6805, 41.1118, 32.7858

Complementary

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



36.8640, 41.1118, 61.8695



42.0423, 40.5863, 29.6638

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.



38.3618, 41.1118, 30.2264



36.8640, 41.1118, 61.8695



43.8835, 41.1118, 35.4735

Square

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



36.8640, 41.1118, 61.8695



44.6639, 41.1118, 51.5363



41.3738, 41.1118, 31.1430



33.9739, 41.1118, 38.6122

Rectangle

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



36.8640, 41.1118, 61.8695



41.7780, 41.1118, 61.2291



41.3738, 41.1118, 31.1430



36.4922, 41.1118, 31.5514

Sweetspot

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



36.8653, 41.1134, 61.8705



83.1873, 89.2892, 107.4578



38.1718, 50.2728, 42.1242



17.4722, 18.8057, 22.9589



0.0000, 0.0000, 0.0000



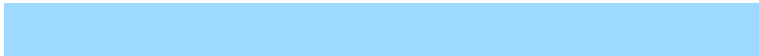
20.3446, 21.4041, 23.3091

Same Dimension

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



36.8653, 41.1134, 61.8705



57.0220, 64.2028, 103.9947



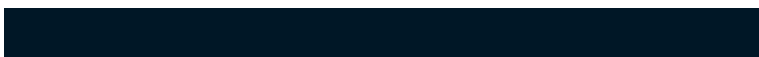
31.3397, 30.0623, 60.0286



11.1611, 11.9627, 14.2911



11.5145, 12.0530, 37.6758



0.6665, 0.7667, 1.9678

Inverse Universe

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



41.3824, 33.9089, 45.9607



66.0280, 50.7655, 72.0673



48.3560, 53.2137, 31.7684



11.4947, 11.3266, 13.1396



18.0229, 9.0197, 13.1051



0.9664, 0.4799, 0.8687

Previews

White Background



This preview shows how the XYZ color 36.8640, 41.1118, 61.8695 looks on a white background.

Color Contrast Check

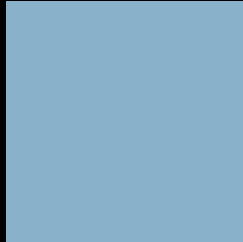
Large Text (above 18pt) WCAG AA × Fail

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 36.8640, 41.1118, 61.8695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

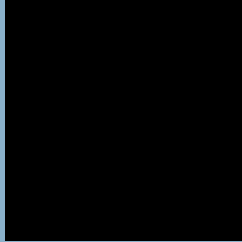
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8640, 41.1118, 61.8695

Background



This preview shows how black text looks on a background with the XYZ color 36.8640, 41.1118, 61.8695.



This preview shows how white text looks on a background with the XYZ color 36.8640, 41.1118,

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

36.8640, 41.1118, 61.8695

Protanopia

40.1787, 40.8877, 58.5978

Deuteranopia

41.7311, 40.7677, 62.7962



Tritanopia

35.8991, 41.3247, 56.5365

Trichromacy



Original Color

36.8640, 41.1118, 61.8695

Protanomaly

38.9627, 41.0786, 59.9082

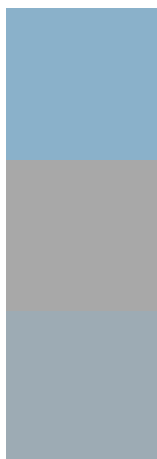
Deuteranomaly

39.8396, 40.9112, 62.2968

Tritanomaly

36.2007, 41.1447, 58.2583

Monochromacy



Original Color

36.8640, 41.1118, 61.8695

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7058, 39.5892, 48.8869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8640, 41.1118, 61.8695 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(138, 177, 202)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 202)  
}
```

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(138, 177, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 202) }
```

Border

The CSS property to change the border of an element to XYZ 36.8640, 41.1118, 61.8695 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(138, 177, 202) }
```


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

```
.border{ border-color:rgb(138, 177, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 177, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 202);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8640, 41.1118, 61.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 202) }
```

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

```
.background{ background-color: rgb(138,  
177, 202) }
```

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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