

Converting Colors

XYZ(37.0987, 41.9510, 60.7870)

Have a look what the booklet for
XYZ(37.0987, 41.9510, 60.7870)
contains.

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Color

**XYZ(37.0267, 41.8136,
60.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB3C8
RGB	138, 179, 200
RGB Percent	54%, 70%, 78%
CMY	0.4588, 0.2980, 0.2157
CMYK	0.31, 0.10, 0.00, 0.22
HSL	200°, 36%, 66%
HSV	200°, 31%, 78%
XYZ	37.0267, 41.8136, 60.7629
YIQ	169.1350, -31.1770, -2.1610

Conversions

Conversions Part 2

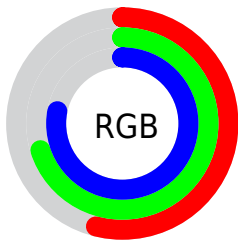
Format	Color
RYB	138, 163, 200
Decimal	9089992
CIELab	70.74, -8.72, -15.10
CIElCh	71, 17.441, 240.007
Yxy	41.8136, 0.2652, 0.2995
Android (android.graphics.Color)	4287280072 (0xFF8AB3C8)
YUV	169.1350, 15.2164, -27.3054
Hunter-Lab	64.6634, -10.9508, -10.4492

Details

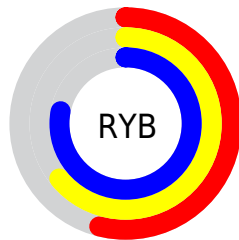
The XYZ color **37.0267, 41.8136, 60.7629** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8057, 38.9112, 29.4059**, and the grayscale version is **37.7180, 39.6823, 43.2140**.

A 20% lighter version of the original color is **69.7506, 77.9741, 105.9820**, and **16.4869, 18.9755, 29.9878** is the 20% darker color. If you saturate the color by 10%, you get **32.6933, 37.6145, 60.1815**, and if you desaturate by 10%, it is **42.0386, 46.4636, 61.3970**.

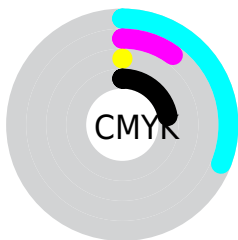
Distribution



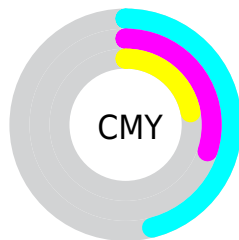
- Red (54%)
- Green (70%)
- Blue (78%)



- Red (54%)
- Yellow (64%)
- Blue (78%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0267, 41.8136, 60.7629 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 37.0267, 41.8136, 60.7629 by changing the saturation by 10% instead.

■ 37.0267, 41.8136,
60.7629

■ 37.0267, 41.8136,
60.7629

324.7796,
353.7097, 445.2866

■ 25.4019, 28.9554,
43.6045

■ 69.9274, 77.9174,
107.4897

■ 16.5071, 19.0471,
30.0248

■ 91.9341, 101.9318,
137.8953

■ 9.9768, 11.7043,
19.6052

■ 118.1321,
130.4337, 173.5537

■ 5.4457, 6.5427,
11.9272

148.8868,
163.8075, 214.8834

■ 2.5485, 3.1778,
6.5722

184.5635,
202.4376, 262.3030

■ 0.9198, 1.2252,
3.1217

225.5277,

■ 0.0000, 0.0822,

246.7084, 316.2310

1.1571

272.1446,
297.0043, 377.0861

■ 0.0000, 0.0000,
0.0000

■ 37.0267, 41.8136,
60.7629

■ 37.0267, 41.8136,
60.7629

■ 32.6933, 37.6145,
60.1815

■ 42.0386, 46.4636,
61.3970

■ 29.0003, 33.8420,
59.6480

■ 47.7572, 51.5772,
62.0826

■ 25.9111, 30.4771,
59.1613

■ 54.2133, 57.1728,
62.8224

■ 23.3839, 27.4965,
58.7192

■ 61.4350, 63.2661,
63.6179

■ 21.3709, 24.8742,
58.3191

■ 69.4487, 69.8722,
64.4706

■ 19.8153, 22.5795,
57.9582

■ 77.1658, 76.4309,
65.3299

■ 18.7125, 20.7443,
57.6621

■ 78.9761, 80.0514,
65.9333

■ 80.8591, 83.8176,
66.5610

■ 82.8159, 87.7310,
67.2132

Harmonies

Analogous

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



35.1184, 41.8136, 53.9670



37.0267, 41.8136, 60.7629



39.7432, 41.8136, 63.3853

Triad

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



37.0267, 41.8136, 60.7629



45.5676, 41.8136, 45.5260



37.0256, 41.8136, 33.0810

Complementary

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



37.0267, 41.8136, 60.7629



40.8057, 38.9112, 29.4059

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.



39.7419, 41.8136, 31.3853



37.0267, 41.8136, 60.7629



44.7558, 41.8136, 38.0179

Square

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



37.0267, 41.8136, 60.7629



44.7565, 41.8136, 53.9634



42.5881, 41.8136, 33.0794



35.1178, 41.8136, 38.0208

Rectangle

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



37.0267, 41.8136, 60.7629



41.6759, 41.8136, 62.1944



42.5881, 41.8136, 33.0794



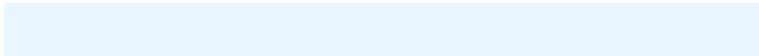
37.8700, 41.8136, 32.1414

Sweetspot

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



37.0280, 41.8153, 60.7639



84.6752, 91.0447, 107.7183



37.3656, 49.2044, 40.1786



17.7867, 19.1916, 23.0168



0.0000, 0.0000, 0.0000



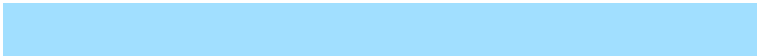
20.3446, 21.4041, 23.3091

Same Dimension

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



37.0280, 41.8153, 60.7639



59.0772, 67.5602, 104.5345



31.5499, 30.8592, 58.9378



10.6325, 11.4391, 13.5651



11.9836, 13.3611, 36.6917



0.6325, 0.7628, 1.7590

Inverse Universe

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



41.0457, 33.7122, 46.9933



67.2491, 51.9577, 76.3283



46.7491, 50.7979, 31.3870



10.9245, 10.7532, 12.5859



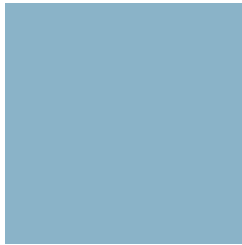
17.8481, 8.8888, 14.9419



0.8780, 0.4340, 0.8805

Previews

White Background



This preview shows how the XYZ color 37.0267, 41.8136, 60.7629 looks on a white background.

Color Contrast Check

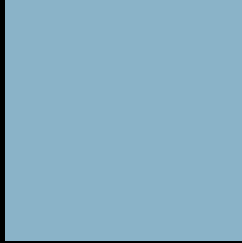
Large Text (above 18pt) WCAG AA × Fail

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 37.0267, 41.8136, 60.7629 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 37.0267, 41.8136, 60.7629

Background



This preview shows how black text looks on a background with the XYZ color 37.0267, 41.8136, 60.7629.



This preview shows how white text looks on a background with the XYZ color 37.0267, 41.8136,

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

37.0267, 41.8136, 60.7629

Protanopia

40.7754, 41.5010, 57.4912

Deuteranopia

42.3425, 41.3835, 61.6332



Tritanopia

36.3754, 41.8559, 57.2008

Trichromacy



Original Color

37.0267, 41.8136, 60.7629

Protanomaly

39.3146, 41.5724, 58.7755

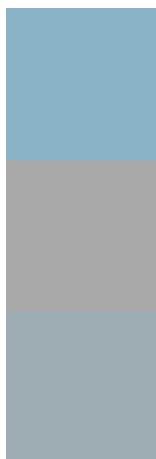
Deuteranomaly

40.1954, 41.4035, 61.1315

Tritanomaly

36.6016, 41.9464, 58.3919

Monochromacy



Original Color

37.0267, 41.8136, 60.7629

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.2823, 40.4515, 49.0230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0267, 41.8136, 60.7629 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, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 200)  
}
```

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, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 200) }
```

Border

The CSS property to change the border of an element to XYZ 37.0267, 41.8136, 60.7629 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, 179, 200) }
```


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

```
.border{ border-color:rgb(138, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0267, 41.8136, 60.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 200) }
```

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

```
.background{ background-color: rgb(138,  
179, 200) }
```

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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