

Converting Colors

XYZ(36.2297, 40.2004, 53.1945)

Have a look what the booklet for
XYZ(36.2297, 40.2004, 53.1945)
contains.

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Color

**XYZ(36.2458, 40.1060,
53.4078)**

Conversions

Conversions Part 1

Format	Color
Hex	93AEBC
RGB	147, 174, 188
RGB Percent	58%, 68%, 74%
CMY	0.4235, 0.3176, 0.2627
CMYK	0.22, 0.07, 0.00, 0.26
HSL	200°, 23%, 66%
HSV	200°, 22%, 74%
XYZ	36.2458, 40.1060, 53.4078
YIQ	167.5230, -20.5860, -1.3700

Conversions

Conversions Part 2

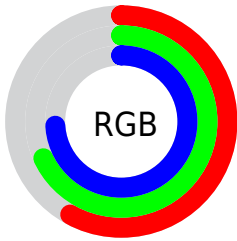
Format	Color
RYB	147, 163, 188
Decimal	9678524
CIELab	69.54, -6.14, -10.24
CIElCh	70, 11.939, 239.033
Yxy	40.1060, 0.2793, 0.3091
Android (android.graphics.Color)	4287868604 (0xFF93AEBC)
YUV	167.5230, 10.0952, -17.9987
Hunter-Lab	63.3293, -8.6638, -5.6708

Details

The XYZ color **36.2458, 40.1060, 53.4078** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7508, 38.2878, 32.9526**, and the grayscale version is **36.9462, 38.8703, 42.3297**.

A 20% lighter version of the original color is **68.7056, 75.1268, 96.4677**, and **16.1566, 18.1551, 25.5744** is the 20% darker color. If you saturate the color by 10%, you get **31.9359, 36.0880, 52.8601**, and if you desaturate by 10%, it is **41.1683, 44.5298, 54.0029**.

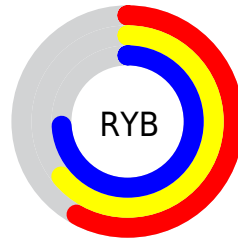
Distribution



Red (58%)

Green (68%)

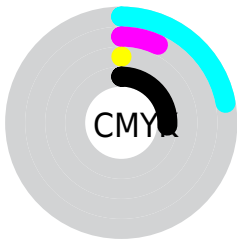
Blue (74%)



Red (58%)

Yellow (64%)

Blue (74%)

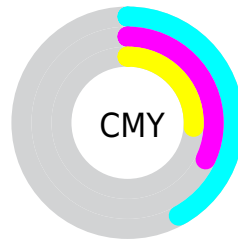


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2458, 40.1060, 53.4078 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 36.2458, 40.1060, 53.4078 by changing the saturation by 10% instead.

■ 36.2458, 40.1060,
53.4078

■ 36.2458, 40.1060,
53.4078

321.4461,
346.5701, 416.9583

■ 24.7951, 27.6212,
37.7385

■ 68.7327, 75.3249,
96.6518

■ 16.0524, 18.0403,
25.4795

■ 90.4995, 98.8278,
125.0635

■ 9.6523, 10.9789,
16.2124

116.4358,
126.7722, 158.5598

■ 5.2295, 6.0527,
9.5186

146.9069,
159.5424, 197.5592

■ 2.4187, 2.8771,
4.9796

182.2781,
197.5230, 242.4802

■ 0.8544, 1.0679,
2.1767

222.9148,

■ 0.0000, 0.0000,

241.0982, 293.7413

0.6609

269.1824,
290.6524, 351.7612

■ 0.0000, 0.0000,
0.0000

■ 36.2458, 40.1060,
53.4078

■ 36.2458, 40.1060,
53.4078

■ 31.9359, 36.0880,
52.8601

■ 41.1683, 44.5298,
54.0029

■ 28.2074, 32.4556,
52.3554

■ 46.7256, 49.3689,
54.6440

■ 25.0319, 29.1937,
51.8932

■ 52.9430, 54.6387,
55.3335

■ 22.3766, 26.2842,
51.4716

■ 59.8433, 60.3521,
56.0726

■ 20.2052, 23.7072,
51.0886

■ 67.4484, 66.5213,
56.8626

■ 18.4763, 21.4400,
50.7421

■ 73.9897, 72.2359,
57.6208

■ 17.1407, 19.4557,
50.4295

■ 75.6315, 75.5194,
58.1681

■ 16.2617, 17.9999,
50.1948

■ 77.3378, 78.9321,
58.7369

■ 79.1094, 82.4753,
59.3274

Harmonies

Analogous

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



34.9727, 40.1060, 49.0202



36.2458, 40.1060, 53.4078



38.0571, 40.1060, 55.1535

Triad

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



36.2458, 40.1060, 53.4078



41.9431, 40.1060, 43.8478



36.3505, 40.1060, 35.0371

Complementary

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



36.2458, 40.1060, 53.4078



38.7508, 38.2878, 32.9526

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.



38.1821, 40.1060, 33.9002



36.2458, 40.1060, 53.4078



41.4497, 40.1060, 38.7214

Square

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



36.2458, 40.1060, 53.4078



41.3837, 40.1060, 49.3557



40.0568, 40.1060, 35.1918



35.0317, 40.1060, 38.4361

Rectangle

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



36.2458, 40.1060, 53.4078



39.3399, 40.1060, 54.4805



40.0568, 40.1060, 35.1918



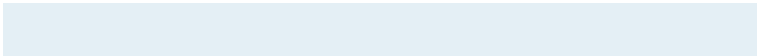
36.9247, 40.1060, 34.3910

Sweetspot

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



36.2470, 40.1076, 53.4087



79.1910, 84.7229, 98.4055



36.4203, 44.7317, 40.2797



16.9010, 18.1070, 21.1468



90.7827, 95.5105, 104.0109



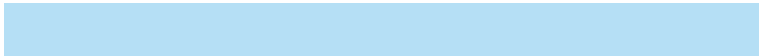
18.6292, 19.5994, 21.3438

Same Dimension

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



36.2470, 40.1076, 53.4087



61.9489, 69.2351, 96.3249



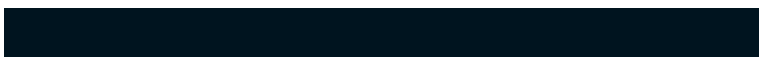
32.6387, 32.8911, 52.2059



9.5268, 10.2460, 12.1478



11.1428, 12.3974, 34.1985



0.4949, 0.6026, 1.3591

Inverse Universe

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



38.8137, 34.6158, 44.6820



67.4699, 57.8176, 77.4652



42.5640, 45.9143, 34.2237



9.7878, 9.6394, 11.2714



16.6252, 8.2812, 13.8516



0.6807, 0.3362, 0.6980

Previews

White Background



This preview shows how the XYZ color 36.2458, 40.1060, 53.4078 looks on a white background.

Color Contrast Check

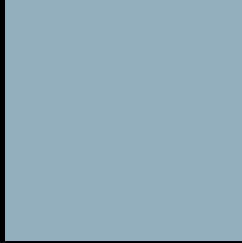
Large Text (above 18pt) WCAG AA × Fail

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 36.2458, 40.1060, 53.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

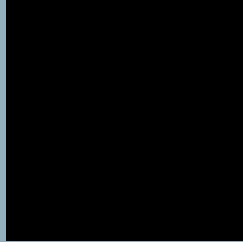
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

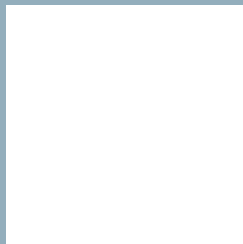
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2458, 40.1060, 53.4078

Background



This preview shows how black text looks on a background with the XYZ color 36.2458, 40.1060, 53.4078.

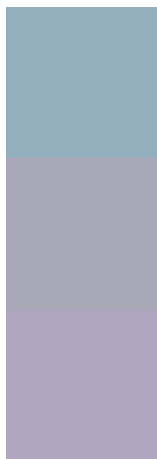


This preview shows how white text looks on a background with the XYZ color 36.2458, 40.1060,

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

36.2458, 40.1060, 53.4078

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

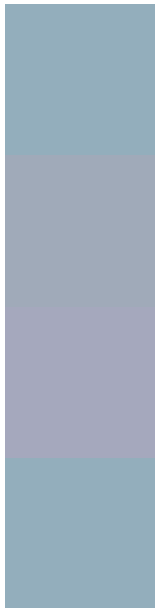
40.6539, 39.8581, 54.2659



Tritanopia

36.2458, 40.1060, 53.4078

Trichromacy



Original Color

36.2458, 40.1060, 53.4078

Protanomaly

37.6289, 39.7258, 51.5835

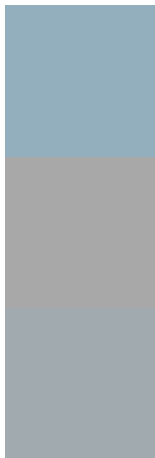
Deuteranomaly

38.7050, 39.6787, 53.7629

Tritanomaly

36.2458, 40.1060, 53.4078

Monochromacy



Original Color

36.2458, 40.1060, 53.4078

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6098, 39.3182, 46.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2458, 40.1060, 53.4078 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(147, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(147, 174, 188)  
}
```

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(147, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 36.2458, 40.1060, 53.4078 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(147, 174, 188) }
```


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

```
.border{ border-color:rgb(147, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(147, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2458, 40.1060, 53.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 174, 188) }
```

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

```
.background{ background-color: rgb(147,  
174, 188) }
```

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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