

Converting Colors

XYZ(36.5458, 41.6838, 53.1338)

Have a look what the booklet for
XYZ(36.5458, 41.6838, 53.1338)
contains.

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Color

**XYZ(36.5913, 41.7573,
53.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	90B3BB
RGB	144, 179, 187
RGB Percent	56%, 70%, 73%
CMY	0.4353, 0.2980, 0.2667
CMYK	0.23, 0.04, 0.00, 0.27
HSL	191°, 24%, 65%
HSV	191°, 23%, 73%
XYZ	36.5913, 41.7573, 53.1451
YIQ	169.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

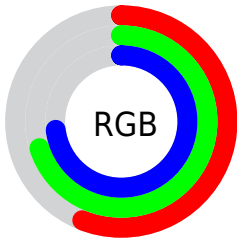
Format	Color
RYB	144, 163, 187
Decimal	9483195
CIELab	70.70, -9.99, -7.98
CIElCh	71, 12.785, 218.630
Yxy	41.7573, 0.2783, 0.3176
Android (android.graphics.Color)	4287673275 (0xFF90B3BB)
YUV	169.4470, 8.6536, -22.3170
Hunter-Lab	64.6199, -12.0084, -3.5277

Details

The XYZ color **36.5913, 41.7573, 53.1451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7562, 35.0350, 31.2116**, and the grayscale version is **37.9012, 39.8750, 43.4239**.

A 20% lighter version of the original color is **69.4392, 78.0298, 96.1954**, and **16.1776, 18.9183, 25.3532** is the 20% darker color. If you saturate the color by 10%, you get **32.9038, 38.8355, 52.7762**, and if you desaturate by 10%, it is **40.8399, 44.9966, 53.5471**.

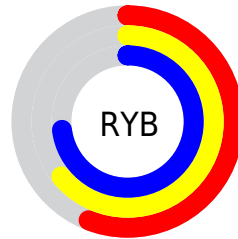
Distribution



Red (56%)

Green (70%)

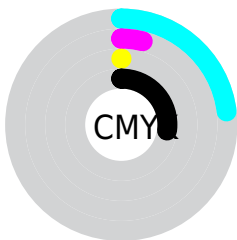
Blue (73%)



Red (56%)

Yellow (64%)

Blue (73%)

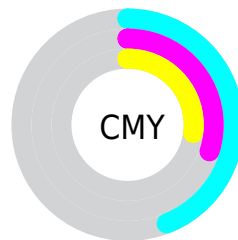


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5913, 41.7573, 53.1451 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 36.5913, 41.7573, 53.1451 by changing the saturation by 10% instead.

■ 36.5913, 41.7573,
53.1451

■ 36.5913, 41.7573,
53.1451

322.9240,
353.4759, 415.9236

■ 25.0634, 28.9113,
37.5301

■ 69.2617, 77.8322,
96.2616

■ 16.2533, 19.0137,
25.3192

■ 91.1349, 101.8298,
124.6001

■ 9.7956, 11.6802,
16.0938

117.1873,
130.3135, 158.0169

■ 5.3248, 6.5263,
9.4355

147.7842,
163.6676, 196.9305

■ 2.4758, 3.1677,
4.9256

183.2909,
202.2765, 241.7594

■ 0.8831, 1.2199,
2.1457

224.0729,

■ 0.0000, 0.0779,

246.5246, 292.9222

0.6428

270.4955,
296.7962, 350.8374

■ 0.0000, 0.0000,
0.0000

■ 36.5913, 41.7573,
53.1451

■ 36.5913, 41.7573,
53.1451

■ 32.9038, 38.8355,
52.7762

■ 40.8399, 44.9966,
53.5471

■ 29.7469, 36.2121,
52.4362

■ 45.6707, 48.5613,
53.9805

■ 27.0929, 33.8737,
52.1247

■ 51.1085, 52.4653,
54.4475

■ 24.9099, 31.8036,
51.8402

■ 57.1752, 56.7202,
54.9490

■ 23.1622, 29.9833,
51.5810

■ 63.8919, 61.3371,
55.4862

■ 21.8091, 28.3915,
51.3450

■ 70.8345, 66.0974,
56.0391

■ 20.8015, 27.0027,
51.1301

■ 71.6486, 67.7256,
56.3104

■ 20.2337, 26.1158,
50.9888

■ 72.4811, 69.3906,
56.5879

■ 73.3322, 71.0928,
56.8716

Harmonies

Analogous

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



35.7965, 41.7573, 47.2396



36.5913, 41.7573, 53.1451



38.2232, 41.7573, 57.2184

Triad

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



36.5913, 41.7573, 53.1451



43.6044, 41.7573, 49.8513



39.0810, 41.7573, 34.8808

Complementary

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



36.5913, 41.7573, 53.1451



36.7562, 35.0350, 31.2116

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.



41.1919, 41.7573, 35.4453



36.5913, 41.7573, 53.1451



43.8540, 41.7573, 43.7385

Square

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



36.5913, 41.7573, 53.1451



42.2867, 41.7573, 55.2022



42.9569, 41.7573, 38.5658



37.2001, 41.7573, 36.9488

Rectangle

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



36.5913, 41.7573, 53.1451



39.5918, 41.7573, 58.1545



42.9569, 41.7573, 38.5658



39.7865, 41.7573, 34.7730

Sweetspot

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



36.5925, 41.7590, 53.1460



78.1018, 84.2697, 96.3507



34.9306, 43.7339, 36.2569



17.0837, 18.4724, 21.2077



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.



36.5925, 41.7590, 53.1460



61.8089, 71.8629, 94.8146



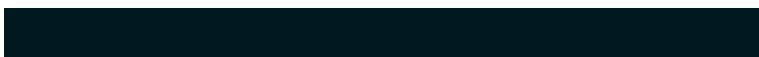
32.6336, 33.8411, 51.8264



9.6536, 10.4996, 12.1900



13.9902, 18.0921, 35.1477



0.5878, 0.7882, 1.3900

Inverse Universe

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



38.6044, 33.7669, 47.1327



66.1527, 55.0488, 81.7325



40.5455, 42.6136, 32.4746



9.8518, 9.6650, 11.6084



18.0624, 8.8561, 21.4198



0.7276, 0.3549, 0.9447

Previews

White Background



This preview shows how the XYZ color 36.5913, 41.7573, 53.1451 looks on a white background.

Color Contrast Check

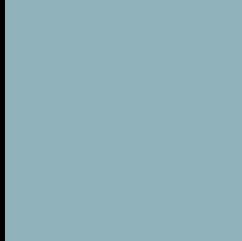
Large Text (above 18pt) WCAG AA × Fail

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 36.5913, 41.7573, 53.1451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

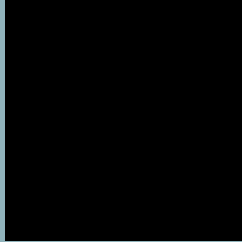
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5913, 41.7573, 53.1451

Background



This preview shows how black text looks on a background with the XYZ color 36.5913, 41.7573, 53.1451.



This preview shows how white text looks on a background with the XYZ color 36.5913, 41.7573,

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

36.5913, 41.7573, 53.1451

Protanopia

40.4296, 41.7667, 50.1869

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

37.1119, 41.6663, 55.9556

Trichromacy



Original Color

36.5913, 41.7573, 53.1451

Protanomaly

38.8820, 41.8020, 51.3667

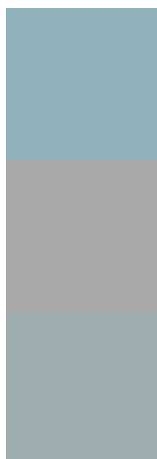
Deuteranomaly

39.9781, 41.4607, 53.4726

Tritanomaly

36.8917, 41.5782, 54.7962

Monochromacy



Original Color

36.5913, 41.7573, 53.1451

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.2772, 40.4953, 46.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5913, 41.7573, 53.1451 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(144, 179, 187)` looks like.

```
.text, #text, p{  
    color:rgb(144, 179, 187)  
}
```

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(144, 179, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 179, 187) }
```

Border

The CSS property to change the border of an element to XYZ 36.5913, 41.7573, 53.1451 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(144, 179, 187) }
```


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

```
.border{ border-color:rgb(144, 179, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 179, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(144, 179,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5913, 41.7573, 53.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 179, 187) }
```

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

```
.background{ background-color: rgb(144,  
179, 187) }
```

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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