

Converting Colors

XYZ(37.7469, 41.7882, 53.2953)

Have a look what the booklet for
XYZ(37.7469, 41.7882, 53.2953)
contains.

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Color

**XYZ(37.6407, 41.7075,
53.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	98B1BB
RGB	152, 177, 187
RGB Percent	60%, 69%, 73%
CMY	0.4039, 0.3059, 0.2667
CMYK	0.19, 0.05, 0.00, 0.27
HSL	197°, 20%, 66%
HSV	197°, 19%, 73%
XYZ	37.6407, 41.7075, 53.0802
YIQ	170.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

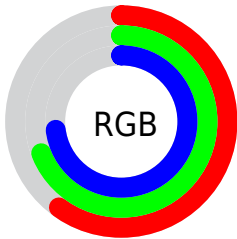
Format	Color
R _Y B	152, 167, 187
Decimal	10006971
CIE Lab	70.67, -6.39, -7.98
CIE LCh	71, 10.224, 231.283
Yxy	41.7075, 0.2842, 0.3149
Android (android.graphics.Color)	4288197051 (0xFF98B1BB)
YUV	170.6650, 8.0532, -16.3692
Hunter-Lab	64.5813, -8.9801, -3.5242

Details

The XYZ color **37.6407, 41.7075, 53.0802** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0818, 38.6727, 35.1115**, and the grayscale version is **38.5091, 40.5146, 44.1204**.

A 20% lighter version of the original color is **71.0487, 78.0143, 96.1076**, and **16.7663, 18.8459, 25.3082** is the 20% darker color. If you saturate the color by 10%, you get **33.3786, 37.9755, 52.5852**, and if you desaturate by 10%, it is **42.4984, 45.8100, 53.6167**.

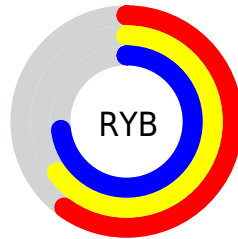
Distribution



Red (60%)

Green (69%)

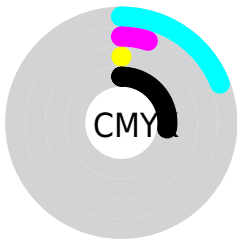
Blue (73%)



Red (60%)

Yellow (65%)

Blue (73%)

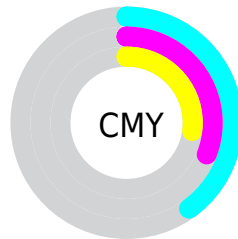


Cyan (19%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6407, 41.7075, 53.0802 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 37.6407, 41.7075, 53.0802 by changing the saturation by 10% instead.

■ 37.6407, 41.7075,
53.0802

■ 37.6407, 41.7075,
53.0802

327.3837,
353.2690, 415.6678

■ 25.8799, 28.8723,
37.4786

■ 70.8645, 77.7567,
96.1651

■ 16.8660, 18.9843,
25.2796

■ 93.0583, 101.7396,
124.4855

■ 10.2337, 11.6589,
16.0646

119.4604,
130.2072, 157.8827

■ 5.6176, 6.5119,
9.4150

150.4362,
163.5438, 196.7750

■ 2.6524, 3.1588,
4.9124

186.3511,
202.1339, 241.5812

■ 0.9728, 1.2152,
2.1381

227.5704,

■ 0.0000, 0.0740,

246.3619, 292.7197

0.6383

274.4595,
296.6121, 350.6090

■ 0.0000, 0.0000,
0.0000

■ 37.6407, 41.7075,
53.0802

■ 37.6407, 41.7075,
53.0802

■ 33.3786, 37.9755,
52.5852

■ 42.4984, 45.8100,
53.6167

■ 29.6822, 34.5947,
52.1274

■ 47.9725, 50.2912,
54.1931

■ 26.5244, 31.5515,
51.7065

■ 54.0874, 55.1654,
54.8117

■ 23.8742, 28.8292,
51.3207

■ 60.8651, 60.4446,
55.4734

■ 21.6974, 26.4094,
50.9683

■ 68.3263, 66.1402,
56.1795

■ 19.9553, 24.2714,
50.6475

■ 73.0236, 70.4755,
56.7688

■ 18.6025, 22.3911,
50.3559

■ 74.3567, 73.1418,
57.2132

■ 17.5622, 20.7281,
50.0897

■ 75.7343, 75.8969,
57.6723

■ 17.4374, 20.5231,
50.0567

■ 77.1566, 78.7415,
58.1464

Harmonies

Analogous

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



36.6858, 41.7075, 48.8804



37.6407, 41.7075, 53.0802



39.1505, 41.7075, 55.2628

Triad

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



37.6407, 41.7075, 53.0802



42.9466, 41.7075, 46.8397



38.4721, 41.7075, 37.2690

Complementary

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



37.6407, 41.7075, 53.0802



39.0818, 38.6727, 35.1115

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.



40.1370, 41.7075, 36.8081



37.6407, 41.7075, 53.0802



42.7524, 41.7075, 42.1124

Square

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



37.6407, 41.7075, 53.0802



42.2357, 41.7075, 51.4954



41.7124, 41.7075, 38.5210



37.1562, 41.7075, 39.8283

Rectangle

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



37.6407, 41.7075, 53.0802



40.2819, 41.7075, 55.1802



41.7124, 41.7075, 38.5210



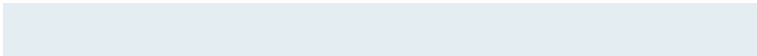
39.0083, 41.7075, 36.8711

Sweetspot

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



37.6419, 41.7092, 53.0811



78.5722, 84.0794, 96.2891



37.2343, 44.8225, 40.8337



17.1660, 18.4027, 21.1899



90.7827, 95.5105, 104.0109



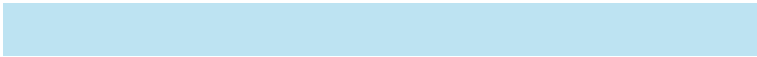
18.6292, 19.5994, 21.3438

Same Dimension

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



37.6419, 41.7092, 53.0811



64.5159, 72.1913, 94.7354



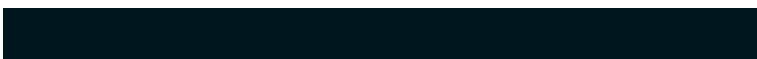
34.4181, 35.2616, 52.0065



9.5720, 10.3364, 12.1628



12.0784, 14.2684, 34.5104



0.5263, 0.6653, 1.3695

Inverse Universe

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



39.6586, 36.1966, 46.4932



68.7605, 60.8448, 80.8120



42.3655, 45.2401, 36.2060



9.8106, 9.6485, 11.3916



17.0974, 8.4701, 16.3382



0.6966, 0.3425, 0.7813

Previews

White Background



This preview shows how the XYZ color 37.6407, 41.7075, 53.0802 looks on a white background.

Color Contrast Check

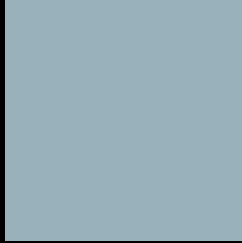
Large Text (above 18pt) WCAG AA × Fail

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 37.6407, 41.7075, 53.0802 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

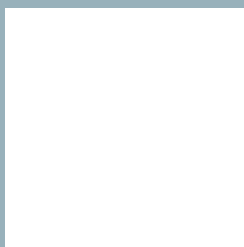
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6407, 41.7075, 53.0802

Background



This preview shows how black text looks on a background with the XYZ color 37.6407, 41.7075, 53.0802.



This preview shows how white text looks on a background with the XYZ color 37.6407, 41.7075,

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

37.6407, 41.7075, 53.0802

Protanopia

40.2279, 41.3572, 51.2099

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

38.0662, 41.5846, 55.3105

Trichromacy



Original Color

37.6407, 41.7075, 53.0802

Protanomaly

39.2176, 41.3893, 51.8209

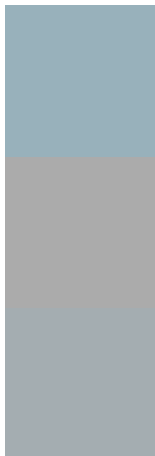
Deuteranomaly

40.4346, 41.4146, 53.4396

Tritanomaly

37.9565, 41.5407, 54.7328

Monochromacy



Original Color

37.6407, 41.7075, 53.0802

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.1892, 40.9540, 47.4871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6407, 41.7075, 53.0802 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(152, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 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(152, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.6407, 41.7075, 53.0802 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(152, 177, 187) }
```


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

```
.border{ border-color:rgb(152, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6407, 41.7075, 53.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 187) }
```

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

```
.background{ background-color: rgb(152,  
177, 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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