

Converting Colors

XYZ(37.6521, 41.1064, 54.0940)

Have a look what the booklet for
XYZ(37.6521, 41.1064, 54.0940)
contains.

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Color

**XYZ(37.6521, 41.1064,
54.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	99AFBD
RGB	153, 175, 189
RGB Percent	60%, 69%, 74%
CMY	0.4000, 0.3137, 0.2588
CMYK	0.19, 0.07, 0.00, 0.26
HSL	203°, 21%, 67%
HSV	203°, 19%, 74%
XYZ	37.6521, 41.1064, 54.0940
YIQ	170.0180, -17.6060, -0.3100

Conversions

Conversions Part 2

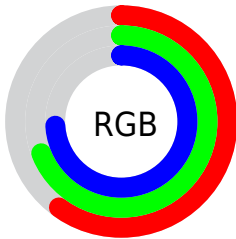
Format	Color
R _Y B	153, 167, 189
Decimal	10071997
CIE Lab	70.25, -4.55, -9.69
CIE LCh	70, 10.710, 244.837
Yxy	41.1064, 0.2834, 0.3094
Android (android.graphics.Color)	4288262077 (0xFF99AFBD)
YUV	170.0180, 9.3581, -14.9248
Hunter-Lab	64.1143, -7.3731, -5.1437

Details

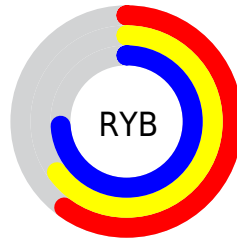
The XYZ color **37.6521, 41.1064, 54.0940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5550, 40.7559, 35.8669**, and the grayscale version is **38.1795, 40.1678, 43.7428**.

A 20% lighter version of the original color is **71.0698, 77.1543, 97.5327**, and **16.8937, 18.7102, 26.0136** is the 20% darker color. If you saturate the color by 10%, you get **32.9722, 36.6290, 53.4771**, and if you desaturate by 10%, it is **42.9774, 46.0342, 54.7652**.

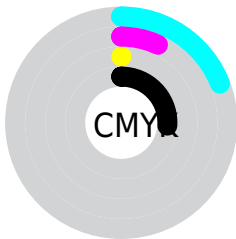
Distribution



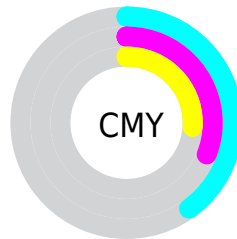
- Red (60%)
- Green (69%)
- Blue (74%)



- Red (60%)
- Yellow (65%)
- Blue (74%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6521, 41.1064, 54.0940 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 37.6521, 41.1064, 54.0940 by changing the saturation by 10% instead.

■ 37.6521, 41.1064,
54.0940

■ 37.6521, 41.1064,
54.0940

327.4319,
350.7651, 419.6531

■ 25.8888, 28.4022,
38.2831

■ 70.8819, 76.8454,
97.6700

■ 16.8727, 18.6291,
25.8990

■ 93.0791, 100.6490,
126.2723

■ 10.2385, 11.4026,
16.5230

119.4850,
128.9212, 159.9754

■ 5.6209, 6.3383,
9.7366

150.4649,
162.0464, 199.1980

■ 2.6544, 3.0519,
5.1214

186.3842,
200.4090, 244.3585

■ 0.9738, 1.1589,
2.2587

227.6082,

■ 0.0000, 0.0277,

244.3934, 295.8755

0.7079

274.5024,
294.3840, 354.1675

■ 0.0000, 0.0000,
0.0000

■ 37.6521, 41.1064,
54.0940

■ 37.6521, 41.1064,
54.0940

■ 32.9722, 36.6290,
53.4771

■ 42.9774, 46.0342,
54.7652

■ 28.9062, 32.5807,
52.9100

■ 48.9703, 51.4225,
55.4893

■ 25.4254, 28.9460,
52.3919

■ 55.6566, 57.2873,
56.2690

■ 22.4972, 25.7061,
51.9209

■ 63.0594, 63.6423,
57.1054

■ 20.0855, 22.8406,
51.4949

■ 71.2009, 70.5005,
58.0001

■ 18.1495, 20.3262,
51.1116

■ 75.7821, 75.6474,
58.7521

■ 16.6414, 18.1363,
50.7684

■ 77.7429, 79.5692,
59.4057

■ 15.4781, 16.2260,
50.4610

■ 79.7895, 83.6623,
60.0879

■ 15.3750, 16.0532,
50.4331

■ 81.9229, 87.9290,
60.7990

Harmonies

Analogous

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



36.3638, 41.1064, 50.5127



37.6521, 41.1064, 54.0940



39.3558, 41.1064, 55.1025

Triad

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



37.6521, 41.1064, 54.0940



42.5327, 41.1064, 43.9474



37.1730, 41.1064, 37.2802

Complementary

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



37.6521, 41.1064, 54.0940



40.5550, 40.7559, 35.8669

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.



38.7864, 41.1064, 35.7965



37.6521, 41.1064, 54.0940



41.9081, 41.1064, 39.4577

Square

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



37.6521, 41.1064, 54.0940



42.2071, 41.1064, 48.9972



40.5239, 41.1064, 36.5630



36.0931, 41.1064, 40.7705

Rectangle

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



37.6521, 41.1064, 54.0940



40.5060, 41.1064, 54.1205



40.5239, 41.1064, 36.5630



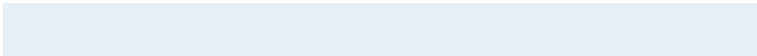
37.6691, 41.1064, 36.5426

Sweetspot

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



37.6533, 41.1081, 54.0949



80.0126, 85.2070, 98.4557



38.2917, 45.9509, 43.3142



17.0603, 18.1912, 21.1546



90.7827, 95.5105, 104.0109



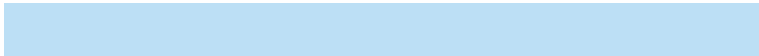
18.6292, 19.5994, 21.3438

Same Dimension

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



37.6533, 41.1081, 54.0949



63.6755, 70.0610, 96.3933



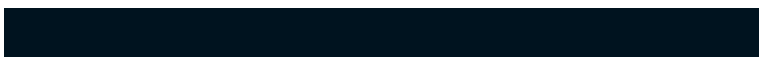
34.4137, 34.6288, 53.0150



9.4886, 10.1696, 12.1350



10.4206, 10.9528, 33.9578



0.4699, 0.5526, 1.3507

Inverse Universe

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



40.1163, 36.6972, 45.5284



68.9827, 60.8780, 77.8619



44.0439, 47.7338, 37.0298



9.7685, 9.6317, 11.1699



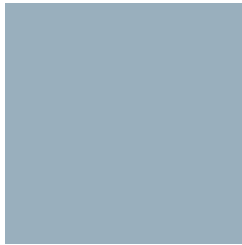
16.2606, 8.1354, 11.9318



0.6681, 0.3311, 0.6315

Previews

White Background



This preview shows how the XYZ color 37.6521, 41.1064, 54.0940 looks on a white background.

Color Contrast Check

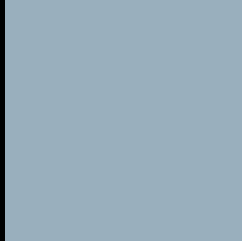
Large Text (above 18pt) WCAG AA × Fail

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 37.6521, 41.1064, 54.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

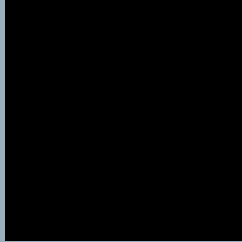
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

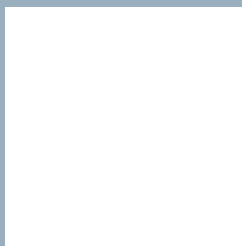
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6521, 41.1064, 54.0940

Background



This preview shows how black text looks on a background with the XYZ color 37.6521, 41.1064, 54.0940.



This preview shows how white text looks on a background with the XYZ color 37.6521, 41.1064,

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

37.6521, 41.1064, 54.0940

Protanopia

39.8152, 40.8407, 52.2389

Deuteranopia

41.8131, 40.9827, 54.9969



Tritanopia

37.6521, 41.1064, 54.0940

Trichromacy



Original Color

37.6521, 41.1064, 54.0940

Protanomaly

39.0320, 40.9854, 52.8675

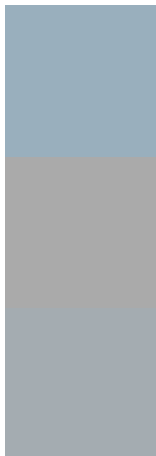
Deuteranomaly

40.2466, 41.0132, 54.5103

Tritanomaly

37.6521, 41.1064, 54.0940

Monochromacy



Original Color

37.6521, 41.1064, 54.0940

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9982, 40.5719, 47.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6521, 41.1064, 54.0940 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(153, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(153, 175, 189)  
}
```

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(153, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 37.6521, 41.1064, 54.0940 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(153, 175, 189) }
```


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

```
.border{ border-color:rgb(153, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(153, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6521, 41.1064, 54.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 175, 189) }
```

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

```
.background{ background-color: rgb(153,  
175, 189) }
```

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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