

Converting Colors

XYZ(35.6205, 46.5615, 37.1473)

Have a look what the booklet for
XYZ(35.6205, 46.5615, 37.1473)
contains.

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Color

**XYZ(35.7461, 46.7334,
37.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC399
RGB	138, 195, 153
RGB Percent	54%, 76%, 60%
CMY	0.4588, 0.2353, 0.4000
CMYK	0.29, 0.00, 0.22, 0.24
HSL	136°, 32%, 65%
HSV	136°, 29%, 76%
XYZ	35.7461, 46.7334, 37.2734
YIQ	173.1690, -20.4900, -25.1460

Conversions

Conversions Part 2

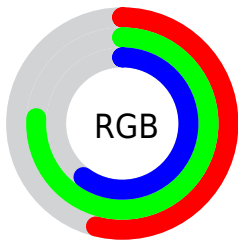
Format	Color
RYB	138, 183, 195
Decimal	9094041
CIELab	74.02, -27.10, 15.30
CIELCh	74, 31.121, 150.558
Yxy	46.7334, 0.2985, 0.3902
Android (android.graphics.Color)	4287284121 (0xFF8AC399)
YUV	173.1690, -9.9433, -30.8432
Hunter-Lab	68.3618, -26.2963, 15.5262

Details

The XYZ color **35.7461, 46.7334, 37.2734** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8340, 33.0754, 47.4667**, and the grayscale version is **39.8643, 41.9404, 45.6731**.

A 20% lighter version of the original color is **68.0652, 85.4633, 71.9401**, and **15.7609, 21.9875, 15.9837** is the 20% darker color. If you saturate the color by 10%, you get **31.6888, 44.7721, 31.2574**, and if you desaturate by 10%, it is **40.5281, 49.0544, 44.0714**.

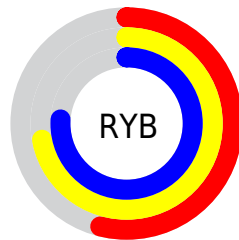
Distribution



Red (54%)

Green (76%)

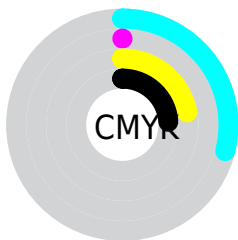
Blue (60%)



Red (54%)

Yellow (72%)

Blue (76%)

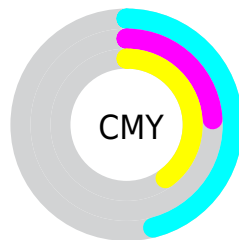


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (24%)



Cyan (46%)

Magenta (24%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7461, 46.7334, 37.2734 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 35.7461, 46.7334, 37.2734 by changing the saturation by 10% instead.

■ 35.7461, 46.7334,
37.2734

■ 35.7461, 46.7334,
37.2734

319.3001,
373.7494, 349.6970

■ 24.4074, 32.8249,
25.1218

■ 67.9664, 85.3155,
72.1841

■ 15.7624, 21.9924,
15.9480

■ 89.5787, 110.7580,
95.7803

■ 9.4460, 13.8513,
9.3334

■ 115.3463,
140.8139, 124.0284

■ 5.0926, 8.0173,
4.8595

145.6344,
175.8677, 157.3470

■ 2.3370, 4.1060,
2.1078

180.8085,
216.3038, 196.1546

■ 0.8135, 1.7330,
0.6204

221.2339,

■ 0.0000, 0.4449,

262.5065, 240.8698

0.0000

267.2760,
314.8602, 291.9110

■ 0.0000, 0.0000,
0.0000

■ 35.7461, 46.7334,
37.2734

■ 35.7461, 46.7334,
37.2734

■ 31.6888, 44.7721,
31.2574

■ 40.5281, 49.0544,
44.0714

■ 28.3165, 43.1466,
25.9921

■ 46.0645, 51.7460,
51.6750

■ 25.5910, 41.8393,
21.4489

■ 52.3880, 54.8257,
60.1104

■ 23.4690, 40.8285,
17.5961

■ 59.5281, 58.3083,
69.4020

■ 21.9017, 40.0896,
14.3993

■ 67.5129, 62.2078,
79.5729

■ 20.8320, 39.5941,
11.8215

■ 76.3677, 66.5367,
90.6456

■ 20.1641, 39.2934,
9.8202

■ 78.5787, 67.4211,
102.2886

■ 20.1205, 39.2738,
9.6887

■ 78.8060, 67.5120,
103.4853

Harmonies

Analogous

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



39.2034, 46.7334, 28.8160



35.7461, 46.7334, 37.2734



34.5656, 46.7334, 51.1836

Triad

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



35.7461, 46.7334, 37.2734



44.5229, 46.7334, 88.0395



54.2724, 46.7334, 36.8551

Complementary

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



35.7461, 46.7334, 37.2734



39.8340, 33.0754, 47.4667

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.



55.9861, 46.7334, 50.5870



35.7461, 46.7334, 37.2734



50.0772, 46.7334, 82.0556

Square

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



35.7461, 46.7334, 37.2734



39.3696, 46.7334, 82.4665



54.3915, 46.7334, 67.4618



49.8820, 46.7334, 28.6123

Rectangle

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



35.7461, 46.7334, 37.2734



35.1442, 46.7334, 62.4081



54.3915, 46.7334, 67.4618



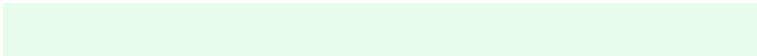
55.1962, 46.7334, 40.8750

Sweetspot

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



35.7474, 46.7354, 37.2744



82.5963, 92.7213, 92.6787



43.1018, 50.6610, 31.5521



17.7461, 20.1388, 19.8326



0.0000, 0.0000, 0.0000



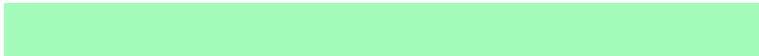
20.3446, 21.4041, 23.3091

Same Dimension

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



35.7474, 46.7354, 37.2744



59.2874, 81.4088, 59.7957



38.3126, 47.7615, 50.7831



10.0508, 11.3014, 11.2710



13.1067, 25.5367, 6.4547



0.5958, 1.1152, 0.4344

Inverse Universe

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



39.8340, 33.0754, 47.4667



67.7707, 53.0318, 80.9384



37.2835, 32.0552, 34.0363



10.3805, 10.2008, 12.0941



17.9198, 8.8577, 18.0217



0.8014, 0.3936, 0.9213

Previews

White Background



This preview shows how the XYZ color 35.7461, 46.7334, 37.2734 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 35.7461, 46.7334, 37.2734 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

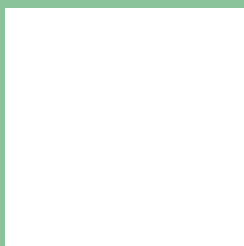
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7461, 46.7334, 37.2734

Background



This preview shows how black text looks on a background with the XYZ color 35.7461, 46.7334, 37.2734.



This preview shows how white text looks on a background with the XYZ color 35.7461, 46.7334,

37.2734.

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

35.7461, 46.7334, 37.2734

Protanopia

43.4504, 46.3295, 33.8465

Deuteranopia

47.1479, 46.3597, 38.3616



Tritanopia

40.9755, 46.5741, 63.3300

Trichromacy



Original Color

35.7461, 46.7334, 37.2734

Protanomaly

39.9970, 46.0584, 35.2159

Deuteranomaly

42.0201, 45.8013, 38.0783

Tritanomaly

38.8894, 46.6937, 52.8620

Monochromacy



Original Color

35.7461, 46.7334, 37.2734

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.9040, 43.2745, 42.4315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7461, 46.7334, 37.2734 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, 195, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 153)  
}
```

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, 195, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.7461, 46.7334, 37.2734 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, 195, 153) }
```


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

```
.border{ border-color:rgb(138, 195, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 195, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 195, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 195, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 195,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7461, 46.7334, 37.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 195, 153) }
```

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

```
.background{ background-color: rgb(138,  
195, 153) }
```

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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