

Converting Colors

XYZ(34.3887, 37.3898, 52.6670)

Have a look what the booklet for
XYZ(34.3887, 37.3898, 52.6670)
contains.

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Color

**XYZ(34.4739, 37.5224,
52.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	90A8BB
RGB	144, 168, 187
RGB Percent	56%, 66%, 73%
CMY	0.4353, 0.3412, 0.2667
CMYK	0.23, 0.10, 0.00, 0.27
HSL	207°, 24%, 65%
HSV	207°, 23%, 73%
XYZ	34.4739, 37.5224, 52.4393
YIQ	162.9900, -20.4030, 0.8210

Conversions

Conversions Part 2

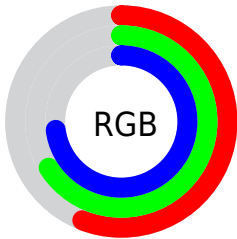
Format	Color
RYB	144, 159, 187
Decimal	9480379
CIELab	67.67, -4.06, -12.52
CIELCh	68, 13.157, 252.042
Yxy	37.5224, 0.2770, 0.3015
Android (android.graphics.Color)	4287670459 (0xFF90A8BB)
YUV	162.9900, 11.8369, -16.6542
Hunter-Lab	61.2555, -6.7395, -7.8778

Details

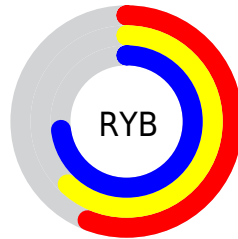
The XYZ color **34.4739, 37.5224, 52.4393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6252, 38.7731, 31.8347**, and the grayscale version is **34.7618, 36.5721, 39.8270**.

A 20% lighter version of the original color is **65.8540, 71.2522, 95.0762**, and **15.0627, 16.5392, 24.9527** is the 20% darker color. If you saturate the color by 10%, you get **29.9974, 33.0227, 51.8073**, and if you desaturate by 10%, it is **39.5906, 42.4980, 53.1306**.

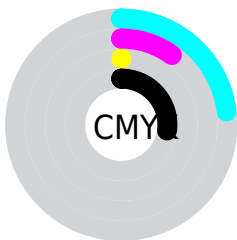
Distribution



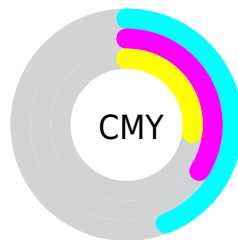
- Red (56%)
- Green (66%)
- Blue (73%)



- Red (56%)
- Yellow (62%)
- Blue (73%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4739, 37.5224, 52.4393 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 34.4739, 37.5224, 52.4393 by changing the saturation by 10% instead.

■ 34.4739, 37.5224,
52.4393

■ 34.4739, 37.5224,
52.4393

313.7889,
335.5667, 413.1353

■ 23.4225, 25.6122,
36.9707

■ 66.0094, 71.3755,
95.2120

■ 15.0282, 16.5338,
24.8892

■ 87.2241, 94.0872,
123.3531

■ 8.9256, 9.9026,
15.7763

112.5574,
121.1683, 156.5555

■ 4.7494, 5.3345,
9.2133

142.3746,
153.0030, 195.2377

■ 2.1342, 2.4448,
4.7819

177.0409,
189.9758, 239.8182

■ 0.7077, 0.8488,
2.0634

216.9219,

■ 0.0000, 0.0000,

232.4711, 290.7157

0.5938

262.3827,
280.8733, 348.3485

■ 0.0000, 0.0000,
0.0000

■ 34.4739, 37.5224,
52.4393

■ 34.4739, 37.5224,
52.4393

■ 29.9974, 33.0227,
51.8073

■ 39.5906, 42.4980,
53.1306

■ 26.1293, 28.9769,
51.2303

■ 45.3707, 47.9610,
53.8804

■ 22.8401, 25.3680,
50.7071

■ 51.8401, 53.9284,
54.6913

■ 20.0960, 22.1759,
50.2355

■ 59.0226, 60.4149,
55.5647

■ 17.8598, 19.3784,
49.8134

■ 66.9406, 67.4343,
56.5023

■ 16.0886, 16.9504,
49.4381

■ 75.1714, 74.7711,
57.4846

■ 14.7314, 14.8625,
49.1067

■ 77.3621, 79.1526,
58.2149

■ 13.9584, 13.5652,
48.8970

■ 79.6611, 83.7507,
58.9812

■ 82.0699, 88.5681,
59.7841

Harmonies

Analogous

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



32.8429, 37.5224, 48.8084



34.4739, 37.5224, 52.4393



36.4845, 37.5224, 52.7928

Triad

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



34.4739, 37.5224, 52.4393



39.6192, 37.5224, 38.5674



33.1133, 37.5224, 33.1030

Complementary

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



34.4739, 37.5224, 52.4393



38.6252, 38.7731, 31.8347

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.



34.8557, 37.5224, 30.8687



34.4739, 37.5224, 52.4393



38.6420, 37.5224, 33.8172

Square

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



34.4739, 37.5224, 52.4393



39.5075, 37.5224, 44.4001



36.8810, 37.5224, 31.1171



32.0781, 37.5224, 37.5048

Rectangle

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



34.4739, 37.5224, 52.4393



37.7752, 37.5224, 51.0830



36.8810, 37.5224, 31.1171



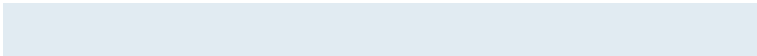
33.6328, 37.5224, 32.0932

Sweetspot

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



34.4750, 37.5239, 52.4402



76.8462, 81.7585, 95.9321



35.8508, 44.1019, 41.1022



16.7845, 17.8741, 21.1080



90.7827, 95.5105, 104.0109



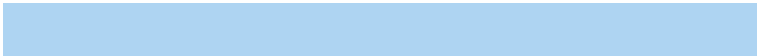
18.6292, 19.5994, 21.3438

Same Dimension

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



34.4750, 37.5239, 52.4402



57.2277, 62.7005, 93.2876



30.8851, 30.3441, 51.2435



9.4462, 10.0847, 12.1209



9.6903, 9.4923, 33.7144



0.4438, 0.5002, 1.3420

Inverse Universe

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



37.5356, 33.3395, 41.5043



63.8403, 54.1238, 69.5557



42.6965, 46.9155, 33.1918



9.7471, 9.6231, 11.0571



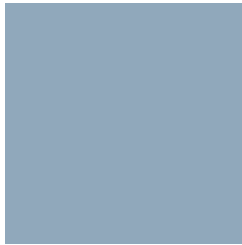
15.8920, 7.9879, 9.9907



0.6549, 0.3259, 0.5620

Previews

White Background



This preview shows how the XYZ color 34.4739, 37.5224, 52.4393 looks on a white background.

Color Contrast Check

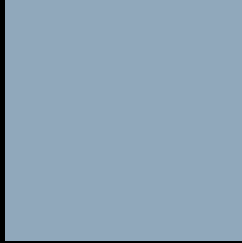
Large Text (above 18pt) WCAG AA × Fail

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 34.4739, 37.5224, 52.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

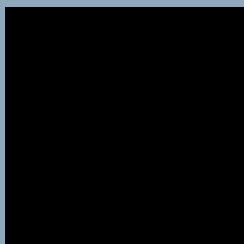
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

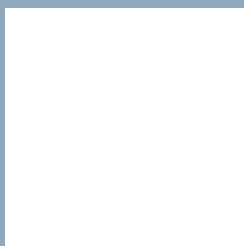
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4739, 37.5224, 52.4393

Background



This preview shows how black text looks on a background with the XYZ color 34.4739, 37.5224, 52.4393.



This preview shows how white text looks on a background with the XYZ color 34.4739, 37.5224,

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

34.4739, 37.5224, 52.4393

Protanopia

36.6492, 37.3365, 50.6224

Deuteranopia

38.1183, 37.2508, 53.3252



Tritanopia

33.9592, 37.5930, 49.7223

Trichromacy



Original Color

34.4739, 37.5224, 52.4393

Protanomaly

35.7297, 37.3816, 51.2312

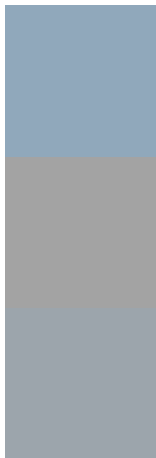
Deuteranomaly

36.6715, 37.2988, 52.8435

Tritanomaly

34.1674, 37.6763, 50.8188

Monochromacy



Original Color

34.4739, 37.5224, 52.4393

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6118, 36.9567, 44.3389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4739, 37.5224, 52.4393 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, 168, 187)` looks like.

```
.text, #text, p{  
    color:rgb(144, 168, 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, 168, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 168, 187) }
```

Border

The CSS property to change the border of an element to XYZ 34.4739, 37.5224, 52.4393 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, 168, 187) }
```


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

```
.border{ border-color:rgb(144, 168, 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, 168, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 168, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 168, 187);  
box-shadow:4px 4px 4px 4px rgb(144, 168,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4739, 37.5224, 52.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 168, 187) }
```

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

```
.background{ background-color: rgb(144,  
168, 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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