

Converting Colors

XYZ(34.3141, 37.7567, 51.4215)

Have a look what the booklet for
XYZ(34.3141, 37.7567, 51.4215)
contains.

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Color

**XYZ(34.2726, 37.7184,
51.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA9B9
RGB	143, 169, 185
RGB Percent	56%, 66%, 73%
CMY	0.4392, 0.3372, 0.2745
CMYK	0.23, 0.09, 0.00, 0.27
HSL	203°, 23%, 64%
HSV	203°, 23%, 73%
XYZ	34.2726, 37.7184, 51.3730
YIQ	163.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

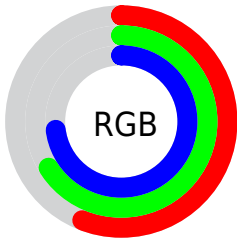
Format	Color
RYB	143, 159, 185
Decimal	9415097
CIELab	67.81, -5.38, -11.20
CIElCh	68, 12.421, 244.338
Yxy	37.7184, 0.2778, 0.3057
Android (android.graphics.Color)	4287605177 (0xFF8FA9B9)
YUV	163.0500, 10.8214, -17.5838
Hunter-Lab	61.4153, -7.8655, -6.6045

Details

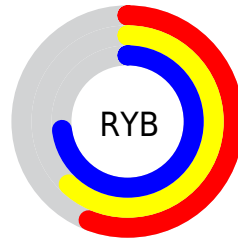
The XYZ color **34.2726, 37.7184, 51.3730** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3640, 37.0937, 31.1778**, and the grayscale version is **34.7948, 36.6068, 39.8648**.

A 20% lighter version of the original color is **65.5588, 71.5325, 93.5709**, and **14.9398, 16.6638, 24.2588** is the 20% darker color. If you saturate the color by 10%, you get **30.0547, 33.6509, 50.8108**, and if you desaturate by 10%, it is **39.0916, 42.2026, 51.9852**.

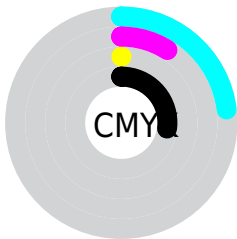
Distribution



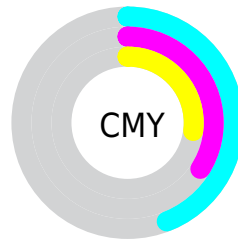
- Red (56%)
- Green (66%)
- Blue (73%)



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



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2726, 37.7184, 51.3730 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 34.2726, 37.7184, 51.3730 by changing the saturation by 10% instead.

■ 34.2726, 37.7184,
51.3730

■ 34.2726, 37.7184,
51.3730

312.9104,
336.4104, 408.8991

■ 23.2670, 25.7642,
36.1268

■ 65.6988, 71.6763,
93.6230

■ 14.9125, 16.6473,
24.2416

■ 86.8502, 94.4488,
121.4639

■ 8.8439, 9.9834,
15.2991

112.1141,
121.5962, 154.3401

■ 4.6958, 5.3879,
8.8806

141.8560,
153.5029, 192.6700

■ 2.1028, 2.4766,
4.5677

176.4412,
190.5533, 236.8724

■ 0.6908, 0.8649,
1.9416

216.2351,

■ 0.0000, 0.0000,

233.1317, 287.3657

0.5190

261.6031,
281.6226, 344.5684

■ 0.0000, 0.0000,
0.0000

■ 34.2726, 37.7184,
51.3730

■ 34.2726, 37.7184,
51.3730

■ 30.0547, 33.6509,
50.8108

■ 39.0916, 42.2026,
51.9852

■ 26.4076, 29.9799,
50.2945

■ 44.5335, 47.1134,
52.6462

■ 23.3031, 26.6903,
49.8231

■ 50.6230, 52.4661,
53.3585

■ 20.7093, 23.7639,
49.3950

■ 57.3825, 58.2739,
54.1232

■ 18.5907, 21.1805,
49.0080

■ 64.8334, 64.5491,
54.9417

■ 16.9065, 18.9174,
48.6600

■ 72.9959, 71.3038,
55.8153

■ 15.6082, 16.9476,
48.3482

■ 75.1543, 75.0772,
56.4299

■ 14.8349, 15.6584,
48.1401

■ 77.0243, 78.8174,
57.0533

■ 78.9731, 82.7149,
57.7028

Harmonies

Analogous

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



32.8828, 37.7184, 47.3368



34.2726, 37.7184, 51.3730



36.1306, 37.7184, 52.5595

Triad

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



34.2726, 37.7184, 51.3730



39.6652, 37.7184, 40.2731



33.8046, 37.7184, 32.9305

Complementary

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



34.2726, 37.7184, 51.3730



37.3640, 37.0937, 31.1778

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.



35.5712, 37.7184, 31.3885



34.2726, 37.7184, 51.3730



38.9910, 37.7184, 35.3803

Square

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



34.2726, 37.7184, 51.3730



39.2876, 37.7184, 45.8278



37.4755, 37.7184, 32.2439



32.6194, 37.7184, 36.6514

Rectangle

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



34.2726, 37.7184, 51.3730



37.3958, 37.7184, 51.4931



37.4755, 37.7184, 32.2439



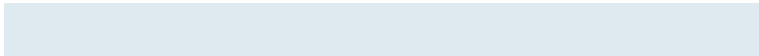
34.3478, 37.7184, 32.1560

Sweetspot

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



34.2737, 37.7199, 51.3739



75.3172, 80.4018, 93.7541



34.8834, 43.0207, 38.9946



16.1124, 17.2207, 20.1963



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.2737, 37.7199, 51.3739



57.6714, 64.0109, 91.5203



30.7696, 30.7117, 50.2058



8.9716, 9.6203, 11.4635



10.1731, 10.8059, 32.8026



0.4164, 0.4964, 1.1756

Inverse Universe

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



36.9924, 32.8246, 41.9240



63.4317, 54.0341, 71.4091



41.1666, 44.6989, 32.4454



9.2320, 9.1032, 10.5690



15.7486, 7.8732, 11.8288



0.5843, 0.2892, 0.5705

Previews

White Background



This preview shows how the XYZ color 34.2726, 37.7184, 51.3730 looks on a white background.

Color Contrast Check

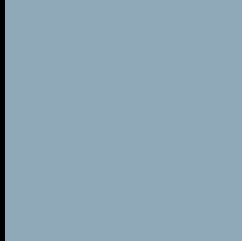
Large Text (above 18pt) WCAG AA × Fail

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 34.2726, 37.7184, 51.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

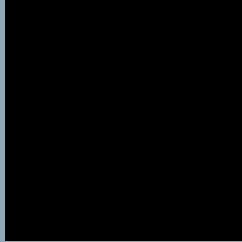
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

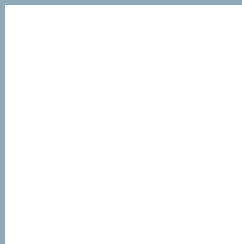
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2726, 37.7184, 51.3730

Background



This preview shows how black text looks on a background with the XYZ color 34.2726, 37.7184, 51.3730.



This preview shows how white text looks on a background with the XYZ color 34.2726, 37.7184,

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

34.2726, 37.7184, 51.3730

Protanopia

36.8232, 37.7148, 49.5949

Deuteranopia

38.5091, 37.7355, 52.2677



Tritanopia

34.0629, 37.6345, 50.2686

Trichromacy



Original Color

34.2726, 37.7184, 51.3730

Protanomaly

35.8938, 37.7593, 50.1962

Deuteranomaly

36.8363, 37.6732, 51.7845

Tritanomaly

34.1674, 37.6763, 50.8188

Monochromacy



Original Color

34.2726, 37.7184, 51.3730

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.5161, 36.9185, 43.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2726, 37.7184, 51.3730 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(143, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 185)  
}
```

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(143, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 185) }
```

Border

The CSS property to change the border of an element to XYZ 34.2726, 37.7184, 51.3730 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(143, 169, 185) }
```


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

```
.border{ border-color:rgb(143, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2726, 37.7184, 51.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 185) }
```

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

```
.background{ background-color: rgb(143,  
169, 185) }
```

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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