

Converting Colors

XYZ(51.4971, 59.1742, 72.4599)

Have a look what the booklet for
XYZ(51.4971, 59.1742, 72.4599)
contains.

XYZ(51.5464, 59.3832, 72.3637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5464, 59.3832,
72.3637)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D2D6
RGB	169, 210, 214
RGB Percent	66%, 82%, 84%
CMY	0.3372, 0.1765, 0.1608
CMYK	0.21, 0.02, 0.00, 0.16
HSL	185°, 35%, 75%
HSV	185°, 21%, 84%
XYZ	51.5464, 59.3832, 72.3637
YIQ	198.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

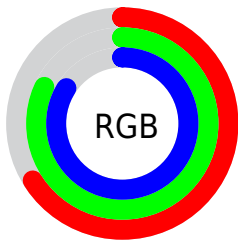
Format	Color
R _{YB}	169, 190, 214
Decimal	11129558
CIE _{Lab}	81.50, -12.52, -6.43
CIE _{LCh}	82, 14.074, 207.180
Yxy	59.3832, 0.2812, 0.3240
Android (android.graphics.Color)	4289319638 (0xFFA9D2D6)
YUV	198.1970, 7.7909, -25.6058
Hunter-Lab	77.0605, -15.4557, -1.7340

Details

The XYZ color **51.5464, 59.3832, 72.3637** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8372, 47.0482, 43.9919**, and the grayscale version is **53.7630, 56.5628, 61.5969**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **25.1818, 29.6589, 37.1984** is the 20% darker color. If you saturate the color by 10%, you get **46.8597, 56.2760, 72.0119**, and if you desaturate by 10%, it is **56.9935, 62.8938, 72.7552**.

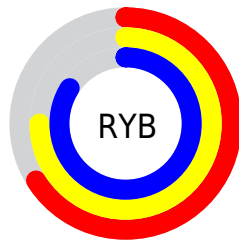
Distribution



Red (66%)

Green (82%)

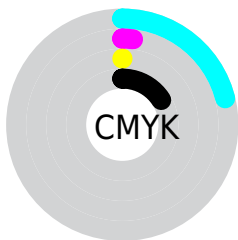
Blue (84%)



Red (66%)

Yellow (75%)

Blue (84%)

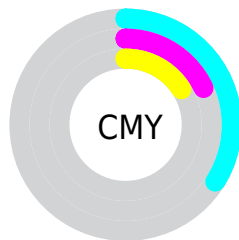


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5464, 59.3832, 72.3637 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 51.5464, 59.3832, 72.3637 by changing the saturation by 10% instead.

■ 51.5464, 59.3832,
72.3637

■ 51.5464, 59.3832,
72.3637

383.0357,
422.3205, 487.8180

■ 36.8665, 42.9217,
52.9672

■ 91.6401, 103.9344,
124.2860

■ 25.2773, 29.8237,
37.3890

117.7846,
132.7929, 157.6489

■ 16.4136, 19.7048,
25.2107

148.4813,
166.5524, 196.5043

■ 9.9100, 12.1806,
16.0137

184.0956,
205.5975, 241.2707

■ 5.4011, 6.8668,
9.3794

224.9929,
250.3124, 292.3668

■ 2.5216, 3.3789,
4.8893

271.5384,

■ 0.9062, 1.3326,

301.0816, 350.2110

2.1248

324.0976,
358.2895, 415.2219

■ 0.0000, 0.1663,
0.6305

■ 0.0000, 0.0000,
0.0000

■ 51.5464, 59.3832,
72.3637

■ 51.5464, 59.3832,
72.3637

■ 46.8597, 56.2760,
72.0119

■ 56.9935, 62.8938,
72.7552

■ 42.8918, 53.5461,
71.6941

■ 63.2299, 66.8180,
73.1839

■ 39.6047, 51.1753,
71.4098

■ 70.2893, 71.1748,
73.6528

■ 36.9551, 49.1414,
71.1568

■ 78.2019, 75.9798,
74.1632

■ 34.8945, 47.4193,
70.9331

■ 78.8424, 77.0444,
74.3350

■ 33.3674, 45.9804,
70.7358

■ 79.3427, 78.0450,
74.5017

■ 32.3077, 44.7905,
70.5620

■ 79.8488, 79.0571,
74.6704

■ 31.6509, 43.8813,
70.4211

■ 80.3605, 80.0805,
74.8410

■ 80.8780, 81.1155,
75.0135

Harmonies

Analogous

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



50.9656, 59.3832, 63.8625



51.5464, 59.3832, 72.3637



53.4240, 59.3832, 79.2886

Triad

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



51.5464, 59.3832, 72.3637



61.3427, 59.3832, 73.8657



56.7214, 59.3832, 49.7565

Complementary

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



51.5464, 59.3832, 72.3637



49.8372, 47.0482, 43.9919

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.



59.5715, 59.3832, 51.9483



51.5464, 59.3832, 72.3637



62.2971, 59.3832, 65.4605

Square

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



51.5464, 59.3832, 72.3637



59.0720, 59.3832, 80.2074



61.6380, 59.3832, 57.5201



53.8912, 59.3832, 51.2608

Rectangle

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



51.5464, 59.3832, 72.3637



55.1931, 59.3832, 81.8211



61.6380, 59.3832, 57.5201



57.7095, 59.3832, 50.0807

Sweetspot

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



51.5481, 59.3856, 72.3650



89.2113, 96.3487, 108.5030



47.9286, 59.5368, 48.3754



18.9646, 20.5405, 23.2151



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.



51.5481, 59.3856, 72.3650



73.5787, 86.2886, 107.3851



46.4308, 49.1510, 70.6593



12.6935, 13.9104, 15.9535



19.1700, 26.6018, 42.5775



1.1845, 1.6610, 2.5775

Inverse Universe

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



53.5538, 47.3266, 67.2878



77.0769, 65.4913, 98.4769



54.4653, 56.3043, 45.5346



12.9032, 12.6128, 15.4307



22.7350, 11.0303, 32.2382



1.3855, 0.6710, 2.0196

Previews

White Background



This preview shows how the XYZ color 51.5464, 59.3832, 72.3637 looks on a white background.

Color Contrast Check

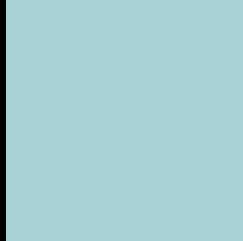
Large Text (above 18pt) WCAG AA × Fail

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 51.5464, 59.3832, 72.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

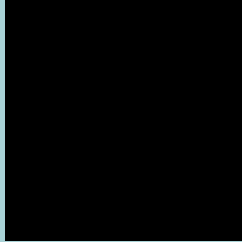
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5464, 59.3832, 72.3637

Background



This preview shows how black text looks on a background with the XYZ color 51.5464, 59.3832, 72.3637.

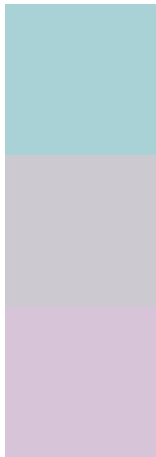


This preview shows how white text looks on a background with the XYZ color 51.5464, 59.3832,

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

51.5464, 59.3832, 72.3637

Protanopia

57.2971, 59.2141, 68.7312

Deuteranopia

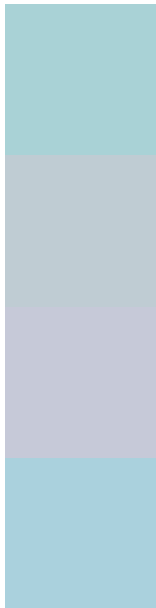
60.2886, 58.9367, 73.8440



Tritanopia

52.9411, 59.2059, 79.8718

Trichromacy



Original Color

51.5464, 59.3832, 72.3637

Protanomaly

54.8366, 58.9652, 70.1192

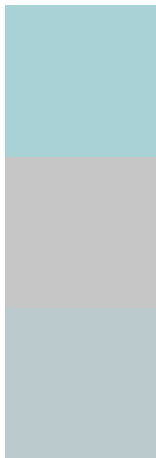
Deuteranomaly

56.5700, 58.7369, 73.3215

Tritanomaly

52.4292, 59.3674, 77.1024

Monochromacy



Original Color

51.5464, 59.3832, 72.3637

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5131, 57.1655, 65.3930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5464, 59.3832, 72.3637 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(169, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 214)  
}
```

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(169, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 214) }
```

Border

The CSS property to change the border of an element to XYZ 51.5464, 59.3832, 72.3637 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(169, 210, 214) }
```


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

```
.border{ border-color:rgb(169, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5464, 59.3832, 72.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 214) }
```

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

```
.background{ background-color: rgb(169,  
210, 214) }
```

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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