

Converting Colors

XYZ(23.6973, 31.5849, 35.2713)

Have a look what the booklet for
XYZ(23.6973, 31.5849, 35.2713)
contains.

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Color

**XYZ(23.7015, 31.5187,
35.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA59A
RGB	92, 165, 154
RGB Percent	36%, 65%, 60%
CMY	0.6392, 0.3529, 0.3961
CMYK	0.44, 0.00, 0.07, 0.35
HSL	171°, 29%, 50%
HSV	171°, 44%, 65%
XYZ	23.7015, 31.5187, 35.4064
YIQ	141.9190, -39.9770, -18.8970

Conversions

Conversions Part 2

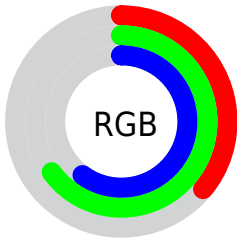
Format	Color
RYB	92, 131, 165
Decimal	6071706
CIELab	62.94, -25.56, -1.42
CIElCh	63, 25.598, 183.187
Yxy	31.5187, 0.2615, 0.3478
Android (android.graphics.Color)	4284261786 (0xFF5CA59A)
YUV	141.9190, 5.9559, -43.7790
Hunter-Lab	56.1415, -22.8896, 1.9070

Details

The XYZ color **23.7015, 31.5187, 35.4064** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.7934, 16.6337, 14.8951**, and the grayscale version is **25.6684, 27.0052, 29.4086**.

A 20% lighter version of the original color is **48.8324, 61.8515, 69.0393**, and **9.0809, 13.1646, 14.8944** is the 20% darker color. If you saturate the color by 10%, you get **22.0246, 30.6787, 34.2585**, and if you desaturate by 10%, it is **25.7435, 32.5480, 36.5952**.

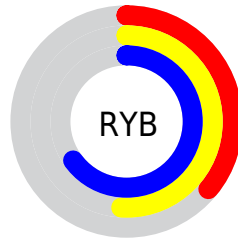
Distribution



Red (36%)

Green (65%)

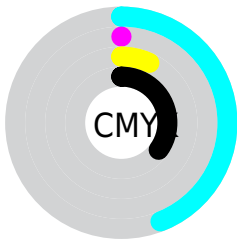
Blue (60%)



Red (36%)

Yellow (51%)

Blue (65%)

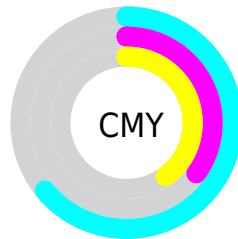


Cyan (44%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7015, 31.5187, 35.4064 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 23.7015, 31.5187, 35.4064 by changing the saturation by 10% instead.

■ 23.7015, 31.5187,
35.4064

■ 23.7015, 31.5187,
35.4064

263.7764,
308.9209, 341.3171

■ 15.2359, 20.9941,
23.6900

■ 49.0009, 62.0558,
69.2736

■ 9.0725, 13.1197,
14.8938

■ 66.5653, 82.8371,
92.2615

■ 4.8460, 7.5110,
8.5991

■ 87.8935, 107.8062,
119.8436

■ 2.1910, 3.7837,
4.3874

■ 113.3506,
137.3473, 152.4386

■ 0.7380, 1.5533,
1.8402

143.3021,
171.8450, 190.4648

■ 0.0000, 0.3258,
0.4543

178.1134,

■ 0.0000, 0.0000,

211.6835, 234.3410

0.0000

218.1497,
257.2474, 284.4856

■ 23.7015, 31.5187,
35.4064

■ 23.7015, 31.5187,
35.4064

■ 22.0246, 30.6787,
34.2585

■ 25.7435, 32.5480,
36.5952

■ 20.6865, 30.0121,
33.1480

■ 28.1694, 33.7739,
37.8237

■ 19.6617, 29.5065,
32.0744

■ 30.9998, 35.2078,
39.0939

■ 18.9199, 29.1463,
31.0360

■ 34.2531, 36.8593,
40.4067

■ 18.4247, 28.9127,
30.0310

■ 37.9467, 38.7372,
41.7630

■ 18.1993, 28.8088,
29.4649

■ 42.0967, 40.8499,
43.1637

■ 46.7187, 43.2054,
44.6096

■ 51.8274, 45.8114,
46.1017

■ 57.4369, 48.6749,
47.6406

Harmonies

Analogous

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



24.3196, 31.5187, 26.3045



23.7015, 31.5187, 35.4064



24.6482, 31.5187, 46.0457

Triad

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



23.7015, 31.5187, 35.4064



33.8128, 31.5187, 53.2070



33.1119, 31.5187, 19.7759

Complementary

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



23.7015, 31.5187, 35.4064



21.7934, 16.6337, 14.8951

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.



35.9793, 31.5187, 24.7734



23.7015, 31.5187, 35.4064



36.4058, 31.5187, 43.8144

Square

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



23.7015, 31.5187, 35.4064



30.3351, 31.5187, 57.5086



37.2277, 31.5187, 33.2531



29.5832, 31.5187, 18.3888

Rectangle

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



23.7015, 31.5187, 35.4064



26.0863, 31.5187, 52.2714



37.2277, 31.5187, 33.2531



34.1940, 31.5187, 21.0337

Sweetspot

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



23.7024, 31.5199, 35.4071



56.0663, 63.3312, 70.2441



21.1161, 30.6373, 14.9264



12.0061, 13.7181, 15.2500



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.7024, 31.5199, 35.4071



39.5161, 54.9777, 61.4069



20.6819, 23.9446, 39.1305



7.2300, 7.9928, 8.8230



13.7820, 21.7992, 22.3664



0.3013, 0.4627, 0.5314

Inverse Universe

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



21.7934, 16.6337, 14.8951



35.6692, 24.8733, 19.9931



23.7338, 21.3408, 12.9941



7.1153, 7.1026, 7.5934



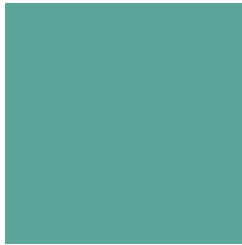
11.8827, 6.1092, 1.3072



0.2614, 0.1331, 0.0892

Previews

White Background



This preview shows how the XYZ color 23.7015, 31.5187, 35.4064 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 23.7015, 31.5187, 35.4064 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 23.7015, 31.5187, 35.4064

Background



This preview shows how black text looks on a background with the XYZ color 23.7015, 31.5187, 35.4064.

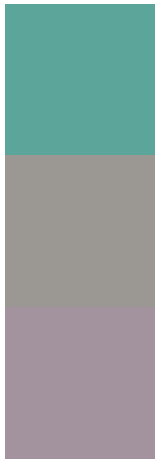


This preview shows how white text looks on a background with the XYZ color 23.7015, 31.5187,

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

23.7015, 31.5187, 35.4064

Protanopia

29.7725, 31.1771, 31.6427

Deuteranopia

31.7095, 31.1226, 36.6837



Tritanopia

25.6952, 31.5325, 45.2895

Trichromacy



Original Color

23.7015, 31.5187, 35.4064

Protanomaly

26.8290, 30.8524, 32.9748

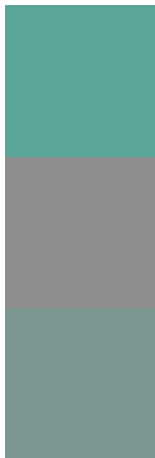
Deuteranomaly

27.9579, 30.8639, 36.3821

Tritanomaly

24.8961, 31.4712, 41.3216

Monochromacy



Original Color

23.7015, 31.5187, 35.4064

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.4068, 28.1731, 31.3457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7015, 31.5187, 35.4064 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(92, 165, 154)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 154)  
}
```

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(92, 165, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 154) }
```

Border

The CSS property to change the border of an element to XYZ 23.7015, 31.5187, 35.4064 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(92, 165, 154) }
```


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

```
.border{ border-color:rgb(92, 165, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7015, 31.5187, 35.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 154) }
```

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

```
.background{ background-color: rgb(92, 165,  
154) }
```

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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