

Converting Colors

XYZ(23.1649, 24.5762, 36.3563)

Have a look what the booklet for
XYZ(23.1649, 24.5762, 36.3563)
contains.

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Color

**XYZ(23.0888, 24.4595,
36.3051)**

Conversions

Conversions Part 1

Format	Color
Hex	79899F
RGB	121, 137, 159
RGB Percent	47%, 54%, 62%
CMY	0.5255, 0.4627, 0.3765
CMYK	0.24, 0.14, 0.00, 0.38
HSL	215°, 17%, 55%
HSV	215°, 24%, 62%
XYZ	23.0888, 24.4595, 36.3051
YIQ	134.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

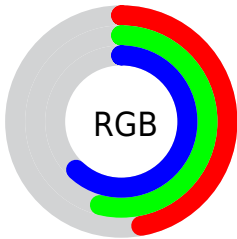
Format	Color
R_{YB}	121, 132, 159
Decimal	7965087
CIE _{Lab}	56.54, -0.72, -13.61
CIE _{LCh}	57, 13.627, 266.990
Yxy	24.4595, 0.2753, 0.2917
Android (android.graphics.Color)	4286155167 (0xFF79899F)
YUV	134.7240, 11.9681, -12.0359
Hunter-Lab	49.4565, -3.2162, -8.9041

Details

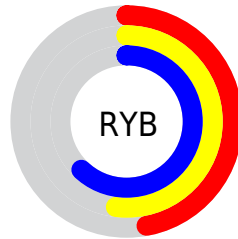
The XYZ color **23.0888, 24.4595, 36.3051** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5719, 28.3962, 22.1175**, and the grayscale version is **22.8890, 24.0810, 26.2242**.

A 20% lighter version of the original color is **48.0066, 50.6806, 70.8704**, and **8.7875, 9.2768, 15.5148** is the 20% darker color. If you saturate the color by 10%, you get **19.7886, 20.8985, 35.7921**, and if you desaturate by 10%, it is **26.8694, 28.4351, 36.8736**.

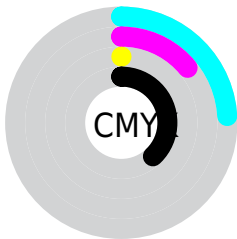
Distribution



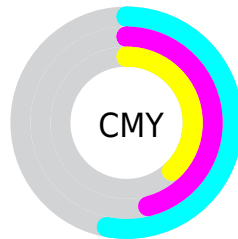
- Red (47%)
- Green (54%)
- Blue (62%)



- Red (47%)
- Yellow (52%)
- Blue (62%)



- Cyan (24%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0888, 24.4595, 36.3051 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 23.0888, 24.4595, 36.3051 by changing the saturation by 10% instead.

■ 23.0888, 24.4595,
36.3051

■ 23.0888, 24.4595,
36.3051

260.7076,
275.1354, 345.3698

■ 14.7801, 15.6748,
24.3784

■ 48.0047, 50.7790,
70.6771

■ 8.7505, 9.2943,
15.3997

■ 65.3426, 69.0826,
93.9594

■ 4.6346, 4.9337,
8.9507

■ 86.4210, 91.3280,
121.8639

■ 2.0671, 2.2084,
4.6127

111.6053,
117.8996, 154.8093

■ 0.6712, 0.7246,
1.9671

141.2607,
149.1817, 193.2141

■ 0.0000, 0.0000,
0.5349

175.7526,

■ 0.0000, 0.0000,

185.5588, 237.4967

0.0000

215.4465,
227.4152, 288.0757

■ 23.0888, 24.4595,
36.3051

■ 23.0888, 24.4595,
36.3051

■ 19.7886, 20.8985,
35.7921

■ 26.8694, 28.4351,
36.8736

■ 16.9459, 17.7343,
35.3312

■ 31.1476, 32.8364,
37.4977

■ 14.5389, 14.9521,
34.9210

■ 35.9425, 37.6775,
38.1794

■ 12.5433, 12.5348,
34.5596

■ 41.2713, 42.9712,
38.9203

■ 10.9321, 10.4638,
34.2448

■ 47.1506, 48.7294,
39.7219

■ 9.6744, 8.7185,
33.9742

■ 53.5962, 54.9640,
40.5855

■ 8.7340, 7.2748,
33.7451

■ 60.6231, 61.6860,
41.5127

■ 8.2626, 6.5122,
33.6228

■ 68.2460, 68.9062,
42.5045

■ 73.0503, 74.8678,
43.4020

Harmonies

Analogous

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



21.6312, 24.4595, 34.6191



23.0888, 24.4595, 36.3051



24.6549, 24.4595, 35.1664

Triad

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



23.0888, 24.4595, 36.3051



26.0630, 24.4595, 22.8738



20.7912, 24.4595, 22.1659

Complementary

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



23.0888, 24.4595, 36.3051



27.5719, 28.3962, 22.1175

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.



21.8957, 24.4595, 19.6042



23.0888, 24.4595, 36.3051



24.9435, 24.4595, 19.9792

Square

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



23.0888, 24.4595, 36.3051



26.4173, 24.4595, 27.0919



23.4080, 24.4595, 18.8509



20.3429, 24.4595, 26.1778

Rectangle

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



23.0888, 24.4595, 36.3051



25.5422, 24.4595, 33.0222



23.4080, 24.4595, 18.8509



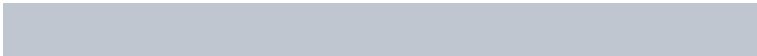
21.0955, 24.4595, 21.1249

Sweetspot

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



23.0896, 24.4605, 36.3057



53.2042, 56.1719, 66.7816



25.2064, 30.8307, 30.4245



11.8994, 12.5660, 15.0420



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.0896, 24.4605, 36.3057



37.9062, 40.1110, 64.4878



21.3407, 20.4289, 35.6196



6.5028, 6.8714, 8.3903



6.5656, 5.2228, 26.5693



0.1583, 0.1752, 0.4887

Inverse Universe

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



25.6514, 22.8524, 26.7270



43.4203, 36.9333, 43.8068



29.6505, 33.2917, 22.9529



6.7431, 6.6902, 7.4985



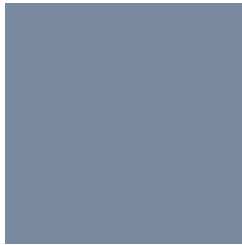
12.1122, 6.1495, 4.8420



0.2372, 0.1182, 0.1953

Previews

White Background



This preview shows how the XYZ color 23.0888, 24.4595, 36.3051 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0888, 24.4595, 36.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

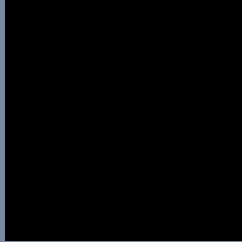
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0888, 24.4595, 36.3051

Background



This preview shows how black text looks on a background with the XYZ color 23.0888, 24.4595, 36.3051.



This preview shows how white text looks on a background with the XYZ color 23.0888, 24.4595,

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

23.0888, 24.4595, 36.3051

Protanopia

23.9710, 24.3098, 35.3271

Deuteranopia

24.9130, 24.3590, 36.6464



Tritanopia

22.3454, 24.5892, 32.4226

Trichromacy



Original Color

23.0888, 24.4595, 36.3051

Protanomaly

23.5879, 24.3086, 35.7966

Deuteranomaly

24.2303, 24.4136, 36.6929

Tritanomaly

22.5840, 24.4699, 33.6699

Monochromacy



Original Color

23.0888, 24.4595, 36.3051

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0441, 24.3678, 29.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0888, 24.4595, 36.3051 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(121, 137, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 137, 159)  
}
```

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(121, 137, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 137, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.0888, 24.4595, 36.3051 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(121, 137, 159) }
```


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

```
.border{ border-color:rgb(121, 137, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 137, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 137, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 137, 159); box-shadow:4px 4px 4px 4px rgb(121, 137, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0888, 24.4595, 36.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 137, 159) }
```

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

```
.background{ background-color: rgb(121,  
137, 159) }
```

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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