

Converting Colors

XYZ(24.1101, 23.0888, 35.5712)

Have a look what the booklet for
XYZ(24.1101, 23.0888, 35.5712)
contains.

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Color

**XYZ(24.2073, 23.2253,
35.5548)**

Conversions

Conversions Part 1

Format	Color
Hex	89809E
RGB	137, 128, 158
RGB Percent	54%, 50%, 62%
CMY	0.4627, 0.4980, 0.3804
CMYK	0.13, 0.19, 0.00, 0.38
HSL	258°, 13%, 56%
HSV	258°, 19%, 62%
XYZ	24.2073, 23.2253, 35.5548
YIQ	134.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

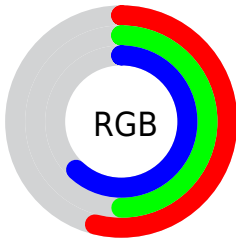
Format	Color
R_{YB}	137, 128, 158
Decimal	9011358
CIE Lab	55.30, 9.59, -14.79
CIE LCh	55, 17.626, 302.975
Yxy	23.2253, 0.2917, 0.2799
Android (android.graphics.Color)	4287201438 (0xFF89809E)
YUV	134.1110, 11.7773, 2.5337
Hunter-Lab	48.1926, 5.3240, -10.0072

Details

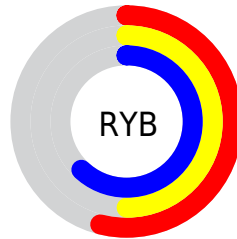
The XYZ color **24.2073, 23.2253, 35.5548** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.5182, 32.4023, 25.1743**, and the grayscale version is **22.6606, 23.8407, 25.9625**.

A 20% lighter version of the original color is **50.0200, 48.9282, 69.7585**, and **9.3803, 8.6797, 15.0909** is the 20% darker color. If you saturate the color by 10%, you get **20.5838, 18.5330, 34.8404**, and if you desaturate by 10%, it is **28.3390, 28.6572, 36.3859**.

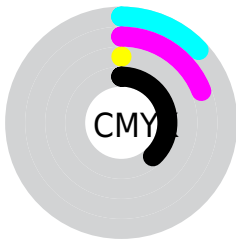
Distribution



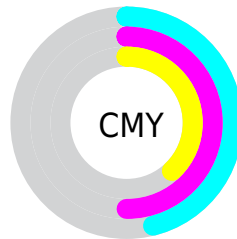
- Red (54%)
- Green (50%)
- Blue (62%)



- Red (54%)
- Yellow (50%)
- Blue (62%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2073, 23.2253, 35.5548 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 24.2073, 23.2253, 35.5548 by changing the saturation by 10% instead.

■ 24.2073, 23.2253,
35.5548

■ 24.2073, 23.2253,
35.5548

266.2879,
268.8801, 341.9888

■ 15.6130, 14.7600,
23.8036

■ 49.8205, 48.7630,
69.5056

■ 9.3399, 8.6511,
14.9771

■ 67.5701, 66.6042,
92.5424

■ 5.0224, 4.5143,
8.6569

■ 89.1023, 88.3394,
120.1780

■ 2.2953, 1.9652,
4.4243

114.7823,
114.3530, 152.8311

■ 0.7923, 0.5871,
1.8609

144.9755,
145.0295, 190.9202

■ 0.0000, 0.0000,
0.4677

180.0472,

■ 0.0000, 0.0000,

180.7533, 234.8638

0.0000

220.3629,
221.9087, 285.0805

■ 24.2073, 23.2253,
35.5548

■ 24.2073, 23.2253,
35.5548

■ 20.5838, 18.5330,
34.8404

■ 28.3390, 28.6572,
36.3859

■ 17.4460, 14.5449,
34.2360

■ 32.9961, 34.8563,
37.3370

■ 14.7728, 11.2270,
33.7365

■ 38.1972, 41.8521,
38.4132

■ 12.5407, 8.5413,
33.3358

■ 43.9598, 49.6720,
39.6188

■ 10.7238, 6.4459,
33.0271

■ 50.3002, 58.3419,
40.9581

■ 9.2934, 4.8937,
32.8029

■ 57.2344, 67.8865,
42.4349

■ 8.2166, 3.8298,
32.6543

■ 64.7774, 78.3296,
44.0531

■ 7.4326, 3.1445,
32.5633

■ 72.9439, 89.6940,
45.8162

■ 7.3624, 3.0825,
32.5550

■ 76.7045, 91.9147,
46.0467

Harmonies

Analogous

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



22.2727, 23.2253, 37.7804



24.2073, 23.2253, 35.5548



25.6340, 23.2253, 30.5597

Triad

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



24.2073, 23.2253, 35.5548



23.8460, 23.2253, 16.7838



18.4952, 23.2253, 25.8572

Complementary

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



24.2073, 23.2253, 35.5548



28.5182, 32.4023, 25.1743

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.



18.8616, 23.2253, 20.6611



24.2073, 23.2253, 35.5548



21.8784, 23.2253, 15.9070

Square

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



24.2073, 23.2253, 35.5548



25.4168, 23.2253, 19.8182



20.0717, 23.2253, 17.2170



19.0396, 23.2253, 31.6826

Rectangle

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



24.2073, 23.2253, 35.5548



26.0630, 23.2253, 26.6421



20.0717, 23.2253, 17.2170



18.5160, 23.2253, 23.9813

Sweetspot

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



24.2080, 23.2263, 35.5553



53.7900, 55.1253, 66.5487



25.9011, 28.7119, 36.5249



12.0152, 12.2797, 14.9806



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.



24.2080, 23.2263, 35.5553



40.9121, 38.2122, 63.9628



26.7469, 24.5351, 35.6741



6.4625, 6.5269, 8.3259



5.9323, 2.4872, 26.0747



0.1458, 0.0650, 0.4681

Inverse Universe

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



27.2452, 24.8782, 31.8005



47.5597, 41.8309, 55.6102



26.0353, 31.1223, 25.0581



6.8193, 6.7206, 7.8996



13.5915, 6.7412, 12.6315



0.2607, 0.1276, 0.3188

Previews

White Background



This preview shows how the XYZ color 24.2073, 23.2253, 35.5548 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 24.2073, 23.2253, 35.5548 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 24.2073, 23.2253, 35.5548

Background



This preview shows how black text looks on a background with the XYZ color 24.2073, 23.2253, 35.5548.



This preview shows how white text looks on a background with the XYZ color 24.2073, 23.2253,

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

24.2073, 23.2253, 35.5548

Protanopia

23.0656, 23.2063, 36.5213

Deuteranopia

23.6947, 23.1557, 35.5684



Tritanopia

22.7555, 23.2240, 28.4826

Trichromacy



Original Color

24.2073, 23.2253, 35.5548

Protanomaly

23.4466, 23.2143, 36.0459

Deuteranomaly

23.8533, 23.2375, 35.5758

Tritanomaly

23.2408, 23.2227, 30.8613

Monochromacy



Original Color

24.2073, 23.2253, 35.5548

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2009, 23.6366, 29.3261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2073, 23.2253, 35.5548 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(137, 128, 158)` looks like.

```
.text, #text, p{  
    color:rgb(137, 128, 158)  
}
```

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(137, 128, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 128, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.2073, 23.2253, 35.5548 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(137, 128, 158) }
```


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

```
.border{ border-color:rgb(137, 128, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 128, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 128, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 128, 158);  
box-shadow:4px 4px 4px 4px rgb(137, 128,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2073, 23.2253, 35.5548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 128, 158) }
```

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

```
.background{ background-color: rgb(137,  
128, 158) }
```

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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