

Converting Colors

XYZ(24.3554, 23.9012, 35.2280)

Have a look what the booklet for
XYZ(24.3554, 23.9012, 35.2280)
contains.

| | |
|--|----|
| XYZ(24.3554, 23.9012, 35.2280) | 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(24.3554, 23.9012,
35.2280)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 88839D |
| RGB | 136, 131, 157 |
| RGB Percent | 53%, 51%, 62% |
| CMY | 0.4667, 0.4863, 0.3843 |
| CMYK | 0.13, 0.17, 0.00, 0.38 |
| HSL | 252°, 12%, 56% |
| HSV | 252°, 17%, 62% |
| XYZ | 24.3554, 23.9012, 35.2280 |
| YIQ | 135.4590, -5.3660, 9.1460 |

Conversions

Conversions Part 2

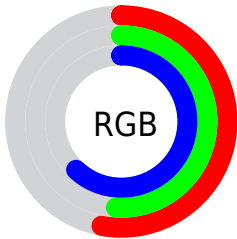
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 136, 131, 157 |
| Decimal | 8946589 |
| CIE _{Lab} | 55.99, 7.29, -13.18 |
| CIE _{LCh} | 56, 15.061, 298.929 |
| Yxy | 23.9012, 0.2917, 0.2863 |
| Android (android.graphics.Color) | 4287136669 (0xFF88839D) |
| YUV | 135.4590, 10.6197, 0.4745 |
| Hunter-Lab | 48.8889, 3.3695, -8.5006 |

Details

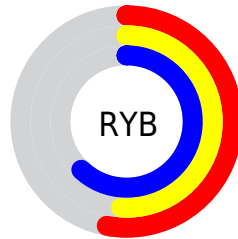
The XYZ color **24.3554, 23.9012, 35.2280** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **29.1036, 32.4287, 26.1994**, and the grayscale version is **23.1635, 24.3698, 26.5387**.

A 20% lighter version of the original color is **50.0104, 49.8533, 69.2742**, and **9.4566, 9.0536, 14.8848** is the 20% darker color. If you saturate the color by 10%, you get **20.4653, 18.9996, 34.4873**, and if you desaturate by 10%, it is **28.8102, 29.5695, 36.0877**.

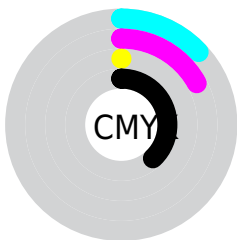
Distribution



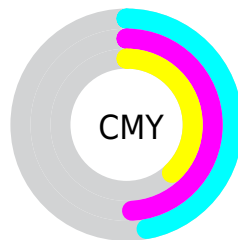
- Red (53%)
- Green (51%)
- Blue (62%)



- Red (53%)
- Yellow (51%)
- Blue (62%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3554, 23.9012, 35.2280 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 24.3554, 23.9012, 35.2280 by changing the saturation by 10% instead.

■ 24.3554, 23.9012,
35.2280

■ 24.3554, 23.9012,
35.2280

267.0196,
272.3206, 340.5084

■ 15.7236, 15.2603,
23.5536

■ 50.0600, 49.8689,
68.9944

■ 9.4184, 9.0023,
14.7937

■ 67.8636, 67.9646,
91.9235

■ 5.0744, 4.7427,
8.5297

■ 89.4551, 89.9806,
119.4412

■ 2.3262, 2.0971,
4.3431

115.1999,
116.3015, 151.9661

■ 0.8080, 0.6630,
1.8154

145.4634,
147.3115, 189.9167

■ 0.0000, 0.0000,
0.4381

180.6110,

■ 0.0000, 0.0000,

183.3951, 233.7116

0.0000

221.0079,
224.9367, 283.7693

■ 24.3554, 23.9012,
35.2280

■ 24.3554, 23.9012,
35.2280

■ 20.4653, 18.9996,
34.4873

■ 28.8102, 29.5695,
36.0877

■ 17.1150, 14.8288,
33.8588

■ 33.8490, 36.0325,
37.0696

■ 14.2808, 11.3541,
33.3375

■ 39.4930, 43.3205,
38.1788

■ 11.9364, 8.5373,
32.9174

■ 45.7613, 51.4613,
39.4198

■ 10.0532, 6.3360,
32.5918

■ 52.6726, 60.4814,
40.7966

8.5993, 4.7031,
32.3532

60.2445, 70.4060,
42.3132

7.5387, 3.5842,
32.1931

68.4941, 81.2596,
43.9733

6.8223, 2.9010,
32.0990

76.9238, 92.0377,
45.6094

6.6266, 2.7131,
32.0731

81.3202, 94.3041,
45.8151

Harmonies

Analogous

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



22.6556, 23.9012, 36.6924



24.3554, 23.9012, 35.2280



25.6702, 23.9012, 31.2265

Triad

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



24.3554, 23.9012, 35.2280



24.4678, 23.9012, 18.7239



19.5678, 23.9012, 25.8476

Complementary

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



24.3554, 23.9012, 35.2280



29.1036, 32.4287, 26.1994

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.



20.0001, 23.9012, 21.4346



24.3554, 23.9012, 35.2280



22.7793, 23.9012, 17.6548

Square

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



24.3554, 23.9012, 35.2280



25.7374, 23.9012, 21.7053



21.1545, 23.9012, 18.5820



19.9434, 23.9012, 30.8813

Rectangle

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



24.3554, 23.9012, 35.2280



26.1209, 23.9012, 27.8864



21.1545, 23.9012, 18.5820



19.6231, 23.9012, 24.2471

Sweetspot

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



24.3561, 23.9022, 35.2285



52.8491, 54.5579, 64.8720



26.7128, 29.7926, 36.2413



11.5060, 11.8477, 14.2508



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.3561, 23.9022, 35.2285



40.8358, 39.2879, 62.5578



26.5548, 25.0357, 35.3314



6.3979, 6.4936, 8.3229



5.4068, 2.2163, 26.0501



0.1252, 0.0543, 0.4671

Inverse Universe

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



27.6893, 25.6688, 33.2024



48.0163, 43.0955, 58.1058



26.8410, 31.2623, 26.0935



6.8494, 6.7327, 8.0583



14.4078, 7.0677, 16.9301



0.2705, 0.1315, 0.3706

Previews

White Background



This preview shows how the XYZ color 24.3554, 23.9012, 35.2280 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 24.3554, 23.9012, 35.2280 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 24.3554, 23.9012, 35.2280

Background



This preview shows how black text looks on a background with the XYZ color 24.3554, 23.9012, 35.2280.



This preview shows how white text looks on a background with the XYZ color 24.3554, 23.9012,

35.2280.

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

24.3554, 23.9012, 35.2280

Protanopia

23.6123, 23.9108, 35.7185

Deuteranopia

24.3554, 23.9012, 35.2280



Tritanopia

23.2531, 23.8570, 29.7649

Trichromacy



Original Color

24.3554, 23.9012, 35.2280

Protanomaly

23.9385, 23.8767, 35.6947

Deuteranomaly

24.3554, 23.9012, 35.2280

Tritanomaly

23.6678, 23.8234, 31.7847

Monochromacy



Original Color

24.3554, 23.9012, 35.2280

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4747, 24.1843, 29.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3554, 23.9012, 35.2280 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(136, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 157)  
}
```

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(136, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.3554, 23.9012, 35.2280 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(136, 131, 157) }
```


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

```
.border{ border-color:rgb(136, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 157);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3554, 23.9012, 35.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 157) }
```

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

```
.background{ background-color: rgb(136,  
131, 157) }
```

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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