

Converting Colors

XYZ(23.2530, 22.4850, 25.3853)

Have a look what the booklet for
XYZ(23.2530, 22.4850, 25.3853)
contains.

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Color

**XYZ(23.3715, 22.6349,
25.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	917E85
RGB	145, 126, 133
RGB Percent	57%, 49%, 52%
CMY	0.4314, 0.5059, 0.4784
CMYK	0.00, 0.13, 0.08, 0.43
HSL	338°, 8%, 53%
HSV	338°, 13%, 57%
XYZ	23.3715, 22.6349, 25.3275
YIQ	132.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

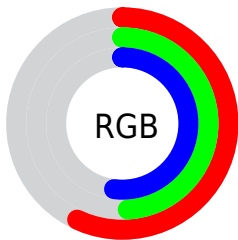
Format	Color
RYB	145, 126, 133
Decimal	9535109
CIELab	54.69, 8.53, -1.11
CIElCh	55, 8.602, 352.559
Yxy	22.6349, 0.3276, 0.3173
Android (android.graphics.Color)	4287725189 (0xFF917E85)
YUV	132.4790, 0.2569, 10.9809
Hunter-Lab	47.5761, 4.4288, 1.7399

Details

The XYZ color **23.3715, 22.6349, 25.3275** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3178, 26.5219, 27.9361**, and the grayscale version is **22.1025, 23.2535, 25.3231**.

A 20% lighter version of the original color is **48.5362, 47.9275, 53.1472**, and **8.8702, 8.3275, 9.5274** is the 20% darker color. If you saturate the color by 10%, you get **21.0448, 18.9501, 21.5650**, and if you desaturate by 10%, it is **26.0235, 26.8813, 29.4712**.

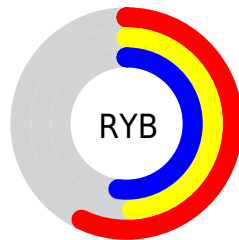
Distribution



Red (57%)

Green (49%)

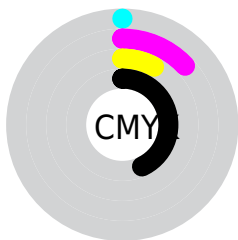
Blue (52%)



Red (57%)

Yellow (49%)

Blue (52%)

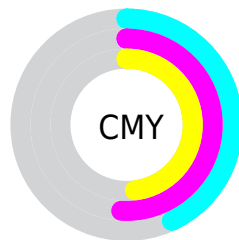


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3715, 22.6349, 25.3275 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 23.3715, 22.6349, 25.3275 by changing the saturation by 10% instead.

■ 23.3715, 22.6349,
25.3275

■ 23.3715, 22.6349,
25.3275

262.1272,
265.8442, 292.9647

■ 14.9903, 14.3242,
16.1000

■ 48.4648, 47.7931,
53.1587

■ 8.8988, 8.3465,
9.4398

■ 65.9076, 65.4094,
72.5995

■ 4.7318, 4.3174,
4.9284

■ 87.1015, 86.8963,
96.2818

■ 2.1239, 1.8527,
2.1473

112.4121,
112.6383, 124.6241

■ 0.7022, 0.5197,
0.6437

142.2046,
143.0196, 158.0450

■ 0.0000, 0.0000,
0.0000

176.8444,

178.4248, 196.9631

216.6968,
219.2382, 241.7968

■ 23.3715, 22.6349,
25.3275

■ 23.3715, 22.6349,
25.3275

■ 21.0448, 18.9501,
21.5650

■ 26.0235, 26.8813,
29.4712

■ 19.0284, 15.8003,
18.1710

■ 29.0109, 31.7084,
34.0055

■ 17.3093, 13.1613,
15.1343

■ 32.3461, 37.1383,
38.9410

■ 15.8726, 11.0057,
12.4424

■ 36.0398, 43.1909,
44.2876

■ 14.7020, 9.3036,
10.0819

■ 40.1026, 49.8851,
50.0549

■ 13.7796, 8.0218,
8.0386

■ 44.5446, 57.2391,
56.2521

■ 13.0849, 7.1223,
6.2971

■ 49.3754, 65.2704,
62.8880

■ 12.5942, 6.5603,
4.8400

■ 54.6042, 73.9959,
69.9713

■ 12.3292, 6.2806,
3.9803

■ 59.7585, 82.4683,
77.3498

Harmonies

Analogous

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



22.9931, 22.6349, 27.9559



23.3715, 22.6349, 25.3275



23.2406, 22.6349, 22.6974

Triad

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



23.3715, 22.6349, 25.3275



20.8223, 22.6349, 20.1340



20.4250, 22.6349, 29.0251

Complementary

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



23.3715, 22.6349, 25.3275



23.3178, 26.5219, 27.9361

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.



19.8747, 22.6349, 26.7021



23.3715, 22.6349, 25.3275



20.0993, 22.6349, 21.6074

Square

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



23.3715, 22.6349, 25.3275



21.7506, 22.6349, 19.8251



19.7572, 22.6349, 23.9760



21.2787, 22.6349, 30.1902

Rectangle

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



23.3715, 22.6349, 25.3275



22.8839, 22.6349, 21.2821



19.7572, 22.6349, 23.9760



20.1995, 22.6349, 28.3460

Sweetspot

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



23.3721, 22.6359, 25.3280



46.1113, 47.3479, 52.0189



23.0069, 22.3463, 29.8889



10.1817, 10.4104, 11.4542



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.3721, 22.6359, 25.3280



40.4463, 38.2961, 43.1067



23.1911, 23.0220, 22.9613



5.4859, 5.4549, 6.0567



10.5869, 5.3918, 3.4757



0.1112, 0.0555, 0.0858

Inverse Universe

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



23.3721, 22.6359, 25.3280



40.4463, 38.2961, 43.1067



23.5057, 26.0604, 30.5795



5.4859, 5.4549, 6.0567



10.5869, 5.3918, 3.4757



0.1112, 0.0555, 0.0858

Previews

White Background



This preview shows how the XYZ color 23.3715, 22.6349, 25.3275 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 23.3715, 22.6349, 25.3275 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

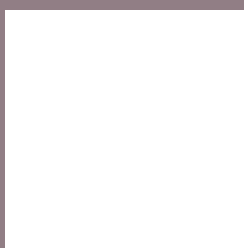
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3715, 22.6349, 25.3275

Background



This preview shows how black text looks on a background with the XYZ color 23.3715, 22.6349, 25.3275.



This preview shows how white text looks on a background with the XYZ color 23.3715, 22.6349,

25.3275.

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

23.3715, 22.6349, 25.3275

Protanopia

21.8715, 22.6201, 26.1350

Deuteranopia

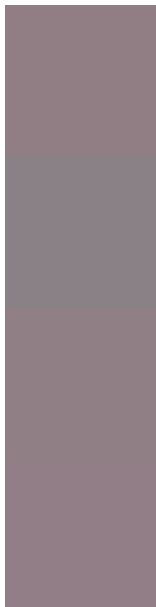
23.1507, 22.7118, 25.3540



Tritanopia

23.5111, 22.6907, 26.0622

Trichromacy



Original Color

23.3715, 22.6349, 25.3275

Protanomaly

22.4699, 22.7401, 25.7592

Deuteranomaly

23.3246, 22.8015, 25.3621

Tritanomaly

23.4410, 22.6627, 25.6931

Monochromacy



Original Color

23.3715, 22.6349, 25.3275

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4640, 22.9496, 25.0755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3715, 22.6349, 25.3275 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(145, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(145, 126, 133)  
}
```

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(145, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.3715, 22.6349, 25.3275 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(145, 126, 133) }
```


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

```
.border{ border-color:rgb(145, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(145, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3715, 22.6349, 25.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 126, 133) }
```

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

```
.background{ background-color: rgb(145,  
126, 133) }
```

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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