

Converting Colors

XYZ(23.1946, 17.9204, 35.0931)

Have a look what the booklet for
XYZ(23.1946, 17.9204, 35.0931)
contains.

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Color

**XYZ(23.1143, 17.8164,
35.0216)**

Conversions

Conversions Part 1

Format	Color
Hex	95639F
RGB	149, 99, 159
RGB Percent	58%, 39%, 62%
CMY	0.4157, 0.6118, 0.3765
CMYK	0.06, 0.38, 0.00, 0.38
HSL	290°, 24%, 51%
HSV	290°, 38%, 62%
XYZ	23.1143, 17.8164, 35.0216
YIQ	120.7900, 10.5400, 29.2600

Conversions

Conversions Part 2

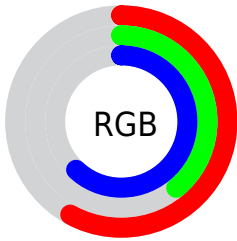
Format	Color
R_{YB}	149, 99, 159
Decimal	9790367
CIE _{Lab}	49.27, 30.75, -24.49
CIE _{LCh}	49, 39.309, 321.458
Yxy	17.8164, 0.3043, 0.2346
Android (android.graphics.Color)	4287980447 (0xFF95639F)
YUV	120.7900, 18.8375, 24.7402
Hunter-Lab	42.2095, 23.8817, -19.6468

Details

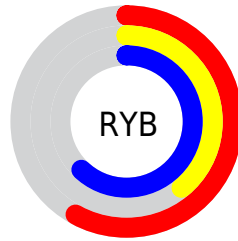
The XYZ color **23.1143, 17.8164, 35.0216** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.9575, 28.9488, 16.2882**, and the grayscale version is **18.0455, 18.9853, 20.6750**.

A 20% lighter version of the original color is **48.1060, 39.8256, 68.7700**, and **8.7674, 5.9706, 14.6003** is the 20% darker color. If you saturate the color by 10%, you get **21.2759, 14.8488, 34.5460**, and if you desaturate by 10%, it is **25.2615, 21.3844, 35.5974**.

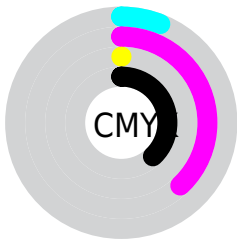
Distribution



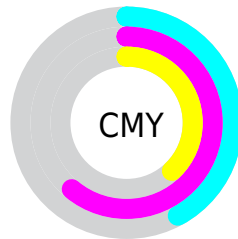
- Red (58%)
- Green (39%)
- Blue (62%)



- Red (58%)
- Yellow (39%)
- Blue (62%)



- Cyan (6%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1143, 17.8164, 35.0216 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 23.1143, 17.8164, 35.0216 by changing the saturation by 10% instead.

■ 23.1143, 17.8164,
35.0216

■ 23.1143, 17.8164,
35.0216

260.8359,
239.8341, 339.5708

■ 14.7991, 10.8183,
23.3958

■ 48.0462, 39.7242,
68.6712

■ 8.7639, 5.9448,
14.6780

■ 65.3936, 55.4027,
91.5321

■ 4.6434, 2.8115,
8.4496

■ 86.4825, 74.7434,
118.9751

■ 2.0722, 1.0341,
4.2921

■ 111.6781, 98.1307,
151.4187

■ 0.6740, 0.0000,
1.7869

141.3460,
125.9491, 189.2816

■ 0.0000, 0.0000,
0.4193

175.8513,

■ 0.0000, 0.0000,

158.5828, 232.9822

0.0000

215.5595,
196.4164, 282.9391

■ 23.1143, 17.8164,
35.0216

■ 23.1143, 17.8164,
35.0216

■ 21.2759, 14.8488,
34.5460

■ 25.2615, 21.3844,
35.5974

■ 19.7269, 12.4442,
34.1635

■ 27.7318, 25.5826,
36.2775

■ 18.4485, 10.5647,
33.8681

■ 30.5408, 30.4416,
37.0674

■ 17.4189, 9.1667,
33.6525

■ 33.7025, 35.9895,
37.9716


■ 16.6127, 8.1997,
33.5083


■ 37.2301, 42.2524,
38.9945


 15.9862, 7.5763,
33.4210

 41.1362, 49.2553,
40.1403

 15.8525, 7.4493,
33.4036

 45.4326, 57.0220,
41.4130

 50.1308, 65.5751,
42.8163

 55.2416, 74.9364,
44.3538

Harmonies

Analogous

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



19.6654, 17.8164, 45.1343



23.1143, 17.8164, 35.0216



24.9675, 17.8164, 22.5778

Triad

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



23.1143, 17.8164, 35.0216



18.0103, 17.8164, 5.4410



11.1498, 17.8164, 27.8259

Complementary

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



23.1143, 17.8164, 35.0216



20.9575, 28.9488, 16.2882

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.



10.8400, 17.8164, 16.5336



23.1143, 17.8164, 35.0216



14.4679, 17.8164, 5.9640

Square

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



23.1143, 17.8164, 35.0216



21.7527, 17.8164, 7.4478



11.9669, 17.8164, 9.2897



12.8852, 17.8164, 40.0375

Rectangle

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



23.1143, 17.8164, 35.0216



24.8864, 17.8164, 15.6347



11.9669, 17.8164, 9.2897



10.8866, 17.8164, 23.7237

Sweetspot

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



23.1149, 17.8172, 35.0220



52.8768, 51.3565, 65.8693



16.8729, 16.0939, 35.0183



11.7761, 11.3272, 14.8094



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.



23.1149, 17.8172, 35.0220



38.6809, 27.5122, 62.0151



23.4206, 18.1594, 26.6974



6.7956, 6.6986, 8.3415



12.5507, 5.8991, 26.3844



0.2507, 0.1190, 0.4730

Inverse Universe

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



21.5208, 17.3994, 16.6927



35.5478, 26.7333, 24.0878



20.8741, 28.7813, 21.9086



6.6759, 6.6633, 7.1446



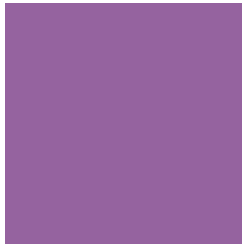
11.4559, 5.8869, 1.3857



0.2159, 0.1097, 0.0830

Previews

White Background



This preview shows how the XYZ color 23.1143, 17.8164, 35.0216 looks on a white 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

Black Background



This preview shows how the XYZ color 23.1143, 17.8164, 35.0216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

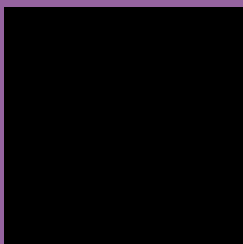
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1143, 17.8164, 35.0216

Background



This preview shows how black text looks on a background with the XYZ color 23.1143, 17.8164, 35.0216.



This preview shows how white text looks on a background with the XYZ color 23.1143, 17.8164,

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

23.1143, 17.8164, 35.0216

Protanopia

18.8374, 18.1220, 41.5348

Deuteranopia

18.4305, 18.0792, 33.9707



Tritanopia

19.8426, 17.8257, 18.9179

Trichromacy



Original Color

23.1143, 17.8164, 35.0216

Protanomaly

19.8871, 17.7238, 38.9321

Deuteranomaly

19.8301, 17.7971, 34.2883

Tritanomaly

20.8935, 17.7888, 24.1622

Monochromacy



Original Color

23.1143, 17.8164, 35.0216

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.6384, 18.3848, 25.4352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1143, 17.8164, 35.0216 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(149, 99, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 99, 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(149, 99, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 99, 159) }
```

Border

The CSS property to change the border of an element to XYZ 23.1143, 17.8164, 35.0216 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(149, 99, 159) }
```


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

```
.border{ border-color:rgb(149, 99, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 99, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 99, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 99, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 99,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1143, 17.8164, 35.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 99, 159) }
```

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

```
.background{ background-color: rgb(149, 99,  
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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