

Converting Colors

XYZ(17.5435, 11.0160, 24.1233)

Have a look what the booklet for
XYZ(17.5435, 11.0160, 24.1233)
contains.

XYZ(17.5435, 11.0160, 24.1233)	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(17.5435, 11.0160,
24.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	903D87
RGB	144, 61, 135
RGB Percent	56%, 24%, 53%
CMY	0.4353, 0.7608, 0.4706
CMYK	0.00, 0.58, 0.06, 0.44
HSL	307°, 40%, 40%
HSV	307°, 58%, 56%
XYZ	17.5435, 11.0160, 24.1233
YIQ	94.2530, 25.7140, 40.6100

Conversions

Conversions Part 2

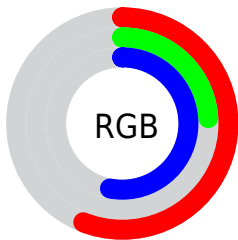
Format	Color
RYB	144, 61, 135
Decimal	9452935
CIELab	39.61, 45.00, -25.14
CIELCh	40, 51.546, 330.803
Yxy	11.0160, 0.3330, 0.2091
Android (android.graphics.Color)	4287643015 (0xFF903D87)
YUV	94.2530, 20.0883, 43.6281
Hunter-Lab	33.1904, 36.2670, -19.8597

Details

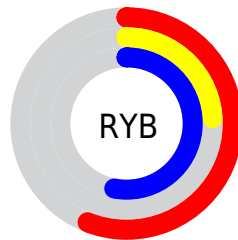
The XYZ color **17.5435, 11.0160, 24.1233** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **13.0037, 21.3812, 9.2366**, and the grayscale version is **10.6492, 11.2038, 12.2009**.

A 20% lighter version of the original color is **38.9099, 27.7637, 51.4523**, and **5.9649, 2.9017, 8.8400** is the 20% darker color. If you saturate the color by 10%, you get **16.7665, 9.6364, 23.3259**, and if you desaturate by 10%, it is **18.5293, 12.8100, 24.9985**.

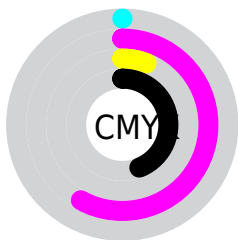
Distribution



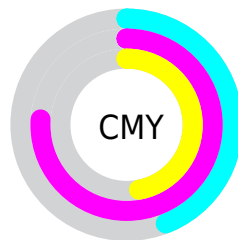
- Red (56%)
- Green (24%)
- Blue (53%)



- Red (56%)
- Yellow (24%)
- Blue (53%)



- Cyan (0%)
- Magenta (58%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (76%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5435, 11.0160, 24.1233 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 17.5435, 11.0160, 24.1233 by changing the saturation by 10% instead.

■ 17.5435, 11.0160,
24.1233

■ 17.5435, 11.0160,
24.1233

■ 231.3809,
197.7773, 286.7499

■ 10.7204, 6.0776,
15.2121

■ 38.7941, 27.6898,
51.1777

■ 5.9451, 2.8923,
8.8201

■ 53.9524, 40.1939,
70.1579

■ 2.8521, 1.0758,
4.5288

■ 72.6198, 55.9887,
93.3316

■ 1.0760, 0.0000,
1.9197

■ 95.1616, 75.4587,
121.1172

■ 0.0049, 0.0000,
0.5052

■ 121.9433, 98.9881,
153.9332

■ 0.0000, 0.0000,
0.0000

■ 153.3302,

126.9614, 192.1984

189.6876,
159.7630, 236.3311

■ 17.5435, 11.0160,
24.1233

■ 17.5435, 11.0160,
24.1233

■ 16.7665, 9.6364,
23.3259

■ 18.5293, 12.8100,
24.9985

■ 16.1802, 8.6360,
22.5998

■ 19.7378, 15.0472,
25.9558

■ 15.7654, 7.9758,
21.9389

■ 21.1830, 17.7552,
27.0000

■ 15.4848, 7.5817,
21.3305

■ 22.8776, 20.9594,
28.1354

■ 15.4234, 7.4980,
21.1895

■ 24.8332, 24.6829,
29.3660

■ 27.0608, 28.9476,
30.6952

■ 29.5706, 33.7743,
32.1268

■ 32.3724, 39.1823,
33.6638

■ 35.4756, 45.1903,
35.3095

Harmonies

Analogous

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



14.3245, 11.0160, 37.4663



17.5435, 11.0160, 24.1233



18.7813, 11.0160, 11.7255

Triad

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



17.5435, 11.0160, 24.1233



10.3760, 11.0160, 1.1860



5.6740, 11.0160, 24.8792

Complementary

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



17.5435, 11.0160, 24.1233



13.0037, 21.3812, 9.2366

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.



5.0643, 11.0160, 12.2677



17.5435, 11.0160, 24.1233



7.3781, 11.0160, 1.8700

Square

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



17.5435, 11.0160, 24.1233



14.1234, 11.0160, 1.7925



5.6113, 11.0160, 4.8160



7.5088, 11.0160, 38.0486

Rectangle

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



17.5435, 11.0160, 24.1233



18.1396, 11.0160, 6.3521



5.6113, 11.0160, 4.8160



5.3401, 11.0160, 20.2609

Sweetspot

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



17.5439, 11.0165, 24.1235



40.4431, 37.1432, 49.6839



9.1789, 6.6278, 27.1814



9.1459, 8.2738, 11.3099



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.



17.5439, 11.0165, 24.1235



29.2521, 16.4416, 40.7729



15.2002, 10.0790, 11.7817



5.6014, 5.5011, 6.6650



13.4360, 6.5314, 18.4794



0.1331, 0.0643, 0.2013

Inverse Universe

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



17.5439, 11.0165, 24.1235



29.2521, 16.4416, 40.7729



14.7564, 22.0823, 18.4664



5.6014, 5.5011, 6.6650



13.4360, 6.5314, 18.4794



0.1331, 0.0643, 0.2013

Previews

White Background



This preview shows how the XYZ color 17.5435, 11.0160, 24.1233 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

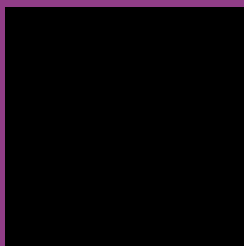
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5435, 11.0160, 24.1233

Background



This preview shows how black text looks on a background with the XYZ color 17.5435, 11.0160, 24.1233.



This preview shows how white text looks on a background with the XYZ color 17.5435, 11.0160,

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

17.5435, 11.0160, 24.1233

Protanopia

12.3745, 11.3175, 35.2505

Deuteranopia

11.4233, 11.2342, 22.6854



Tritanopia

14.4825, 11.0295, 9.1502

Trichromacy



Original Color

17.5435, 11.0160, 24.1233

Protanomaly

13.1241, 10.4790, 31.0367

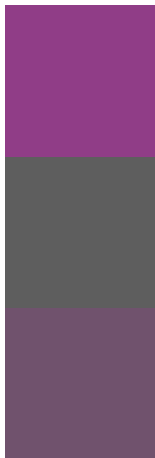
Deuteranomaly

12.9330, 10.5541, 23.1853

Tritanomaly

15.3543, 10.8954, 13.6057

Monochromacy



Original Color

17.5435, 11.0160, 24.1233

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.4597, 10.5835, 15.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5435, 11.0160, 24.1233 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(144, 61, 135)` looks like.

```
.text, #text, p{  
    color:rgb(144, 61, 135)  
}
```

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(144, 61, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 61, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.5435, 11.0160, 24.1233 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(144, 61, 135) }
```


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

```
.border{ border-color:rgb(144, 61, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 61, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 61, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 61, 135);  
box-shadow:4px 4px 4px 4px rgb(144, 61,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5435, 11.0160, 24.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 61, 135) }
```

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

```
.background{ background-color: rgb(144, 61,  
135) }
```

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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