

Converting Colors

XYZ(13.8538, 10.9033, 23.9286)

Have a look what the booklet for
XYZ(13.8538, 10.9033, 23.9286)
contains.

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Color

**XYZ(13.8538, 10.9033,
23.9286)**

Conversions

Conversions Part 1

Format	Color
Hex	705086
RGB	112, 80, 134
RGB Percent	44%, 31%, 53%
CMY	0.5608, 0.6863, 0.4745
CMYK	0.16, 0.40, 0.00, 0.47
HSL	276°, 25%, 42%
HSV	276°, 40%, 53%
XYZ	13.8538, 10.9033, 23.9286
YIQ	95.7240, 1.7380, 23.5780

Conversions

Conversions Part 2

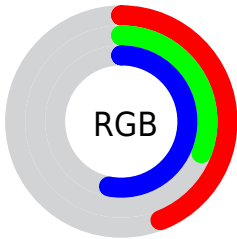
Format	Color
RYB	112, 80, 134
Decimal	7360646
CIELab	39.42, 24.27, -25.15
CIElCh	39, 34.947, 313.983
Yxy	10.9033, 0.2846, 0.2240
Android (android.graphics.Color)	4285550726 (0xFF705086)
YUV	95.7240, 18.8701, 14.2741
Hunter-Lab	33.0201, 17.1055, -19.8514

Details

The XYZ color **13.8538, 10.9033, 23.9286** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **15.4529, 20.4544, 10.7235**, and the grayscale version is **11.0073, 11.5805, 12.6112**.

A 20% lighter version of the original color is **32.4693, 27.5525, 50.6205**, and **4.2222, 2.8409, 8.7133** is the 20% darker color. If you saturate the color by 10%, you get **12.2952, 8.7859, 23.6022**, and if you desaturate by 10%, it is **15.6510, 13.4347, 24.3227**.

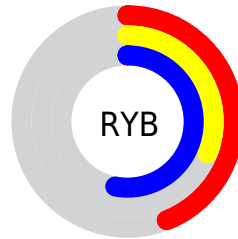
Distribution



Red (44%)

Green (31%)

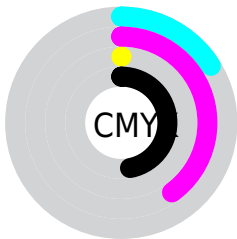
Blue (53%)



Red (44%)

Yellow (31%)

Blue (53%)

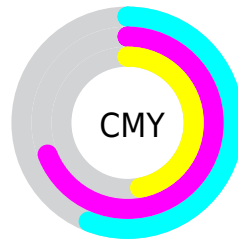


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8538, 10.9033, 23.9286 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 13.8538, 10.9033, 23.9286 by changing the saturation by 10% instead.

■ 13.8538, 10.9033,
23.9286

■ 13.8538, 10.9033,
23.9286

209.8483,
197.0029, 285.7342

■ 8.1001, 6.0018,
15.0690

■ 32.4178, 27.4812,
50.8560

■ 4.2114, 2.8462,
8.7206

■ 45.9588, 39.9265,
69.7609

■ 1.8224, 1.0520,
4.4651

■ 62.8263, 55.6551,
92.8512

■ 0.5311, 0.0000,
1.8838

■ 83.3856, 75.0515,
120.5456

■ 0.0000, 0.0000,
0.4824

■ 108.0021, 98.5001,
153.2626

■ 0.0000, 0.0000,
0.0000

137.0412,

126.3853, 191.4206

170.8681,
159.0914, 235.4383

■ 13.8538, 10.9033,
23.9286

■ 13.8538, 10.9033,
23.9286

■ 12.2952, 8.7859,
23.6022

■ 15.6510, 13.4347,
24.3227

■ 10.9615, 7.0574,
23.3389

■ 17.6971, 16.4006,
24.7873

■ 9.8396, 5.6919,
23.1345

■ 20.0032, 19.8216,
25.3261

■ 8.9139, 4.6599,
22.9840

■ 22.5792, 23.7169,
25.9422

■ 8.1666, 3.9266,
22.8819

■ 25.4345, 28.1042,
26.6385

■ 7.5615, 3.4010,
22.8123

■ 28.5781, 33.0004,
27.4179

■ 32.0186, 38.4218,
28.2830

■ 35.7641, 44.3836,
29.2363

■ 39.8225, 50.9007,
30.2804

Harmonies

Analogous

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



11.5017, 10.9033, 29.5300



13.8538, 10.9033, 23.9286



15.3789, 10.9033, 15.8412

Triad

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



13.8538, 10.9033, 23.9286



11.6697, 10.9033, 3.2368



6.5464, 10.9033, 15.3059

Complementary

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



13.8538, 10.9033, 23.9286



15.4529, 20.4544, 10.7235

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.



6.5772, 10.9033, 8.6280



13.8538, 10.9033, 23.9286



9.3026, 10.9033, 3.1868

Square

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



13.8538, 10.9033, 23.9286



13.9928, 10.9033, 4.9287



7.5146, 10.9033, 4.7489



7.4228, 10.9033, 23.4106

Rectangle

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



13.8538, 10.9033, 23.9286



15.5954, 10.9033, 10.9898



7.5146, 10.9033, 4.7489



6.4557, 10.9033, 12.7999

Sweetspot

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



13.8542, 10.9037, 23.9288



34.4071, 33.6728, 44.4245



12.4124, 13.0285, 24.4149



7.6529, 7.4390, 9.9852



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



13.8542, 10.9037, 23.9288



21.9815, 15.9046, 41.6497



16.6962, 12.4044, 22.4581



4.6792, 4.6707, 5.8557



7.0985, 3.1936, 21.3790



0.0329, 0.0153, 0.0745

Inverse Universe

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



15.0988, 11.7654, 14.0460



24.6355, 17.7278, 21.2179



13.4536, 19.4039, 11.5273



4.7454, 4.7178, 5.2715



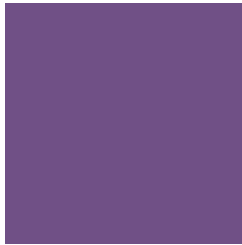
9.8558, 5.0067, 3.8131



0.0376, 0.0187, 0.0315

Previews

White Background



This preview shows how the XYZ color 13.8538, 10.9033, 23.9286 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 13.8538, 10.9033, 23.9286 looks on a 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 13.8538, 10.9033, 23.9286

Background



This preview shows how black text looks on a background with the XYZ color 13.8538, 10.9033, 23.9286.



This preview shows how white text looks on a background with the XYZ color 13.8538, 10.9033,

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

13.8538, 10.9033, 23.9286

Protanopia

11.5231, 10.9212, 27.4873

Deuteranopia

11.2165, 10.9825, 23.3585



Tritanopia

11.4991, 10.8698, 12.3185

Trichromacy



Original Color

13.8538, 10.9033, 23.9286

Protanomaly

12.1663, 10.7845, 26.2513

Deuteranomaly

12.0377, 10.8970, 23.6592

Tritanomaly

12.1932, 10.7893, 15.9079

Monochromacy



Original Color

13.8538, 10.9033, 23.9286

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.9501, 11.2629, 16.2960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8538, 10.9033, 23.9286 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(112, 80, 134)` looks like.

```
.text, #text, p{  
    color:rgb(112, 80, 134)  
}
```

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(112, 80, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 80, 134) }
```

Border

The CSS property to change the border of an element to XYZ 13.8538, 10.9033, 23.9286 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(112, 80, 134) }
```


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

```
.border{ border-color:rgb(112, 80, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 80, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 80, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 80, 134);  
box-shadow:4px 4px 4px 4px rgb(112, 80,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8538, 10.9033, 23.9286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 80, 134) }
```

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

```
.background{ background-color: rgb(112, 80,  
134) }
```

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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