

Converting Colors

XYZ(12.9263, 10.7002, 26.7287)

Have a look what the booklet for
XYZ(12.9263, 10.7002, 26.7287)
contains.

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Color

**XYZ(12.9380, 10.7063,
26.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	62538D
RGB	98, 83, 141
RGB Percent	38%, 33%, 55%
CMY	0.6157, 0.6745, 0.4471
CMYK	0.30, 0.41, 0.00, 0.45
HSL	256°, 26%, 44%
HSV	256°, 41%, 55%
XYZ	12.9380, 10.7063, 26.5839
YIQ	94.0970, -9.6780, 21.2180

Conversions

Conversions Part 2

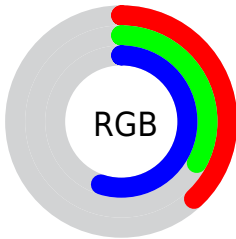
Format	Color
R_{YB}	98, 83, 141
Decimal	6443917
CIE Lab	39.08, 19.79, -30.03
CIE LCh	39, 35.965, 303.376
Yxy	10.7063, 0.2576, 0.2132
Android (android.graphics.Color)	4284633997 (0xFF62538D)
YUV	94.0970, 23.1232, 3.4229
Hunter-Lab	32.7205, 13.3198, -25.2661

Details

The XYZ color **12.9380, 10.7063, 26.5839** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.6906, 24.1101, 11.7999**, and the grayscale version is **10.6113, 11.1639, 12.1575**.

A 20% lighter version of the original color is **30.8155, 27.1992, 55.2556**, and **3.8052, 2.7774, 10.0084** is the 20% darker color. If you saturate the color by 10%, you get **10.9118, 8.2200, 26.2110**, and if you desaturate by 10%, it is **15.3318, 13.7081, 27.0373**.

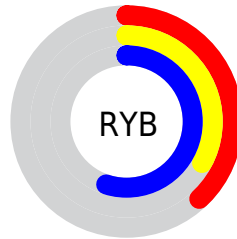
Distribution



Red (38%)

Green (33%)

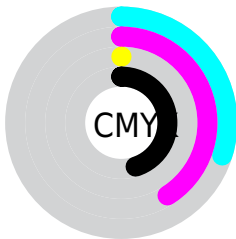
Blue (55%)



Red (38%)

Yellow (33%)

Blue (55%)

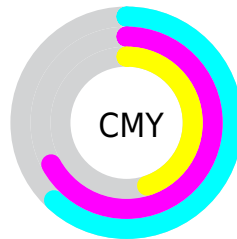


Cyan (30%)

Magenta (41%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.9380, 10.7063, 26.5839 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 12.9380, 10.7063, 26.5839 by changing the saturation by 10% instead.

■ 12.9380, 10.7063,
26.5839

■ 12.9380, 10.7063,
26.5839

204.1656,
195.6414, 299.3329

■ 7.4626, 5.8697,
17.0313

■ 30.7946, 27.1158,
55.2110

■ 3.8019, 2.7660,
10.0946

■ 43.9065, 39.4574,
75.1226

■ 1.5907, 1.0108,
5.3553

■ 60.2946, 55.0696,
99.3243

■ 0.3863, 0.0000,
2.3948

■ 80.3243, 74.3366,
128.2346

■ 0.0000, 0.0000,
0.7836

■ 104.3608, 97.6429,
162.2721

■ 0.0000, 0.0000,
0.0000

132.7697,

125.3729, 201.8553

165.9161,
157.9109, 247.4027

■ 12.9380, 10.7063,
26.5839

■ 12.9380, 10.7063,
26.5839

■ 10.9118, 8.2200,
26.2110

■ 15.3318, 13.7081,
27.0373

■ 9.2328, 6.2184,
25.9131

■ 18.1095, 17.2516,
27.5749

■ 7.8807, 4.6691,
25.6853

■ 21.2881, 21.3625,
28.2008

■ 6.8321, 3.5350,
25.5217

■ 24.8829, 26.0645,
28.9190

■ 6.0602, 2.7731,
25.4153

■ 28.9086, 31.3799,
29.7328

■ 5.5517, 2.3066,
25.3521

■ 33.3791, 37.3300,
30.6456

■ 38.3077, 43.9349,
31.6607

■ 43.7070, 51.2138,
32.7811

■ 49.5894, 59.1853,
34.0098

Harmonies

Analogous

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



10.4508, 10.7063, 30.5069



12.9380, 10.7063, 26.5839



14.8953, 10.7063, 18.6569

Triad

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



12.9380, 10.7063, 26.5839



12.3923, 10.7063, 3.3735



6.2224, 10.7063, 12.4547

Complementary

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



12.9380, 10.7063, 26.5839



19.6906, 24.1101, 11.7999

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.



6.5764, 10.7063, 6.6724



12.9380, 10.7063, 26.5839



9.9061, 10.7063, 2.8045

Square

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



12.9380, 10.7063, 26.5839



14.5470, 10.7063, 5.7838



7.8381, 10.7063, 3.7264



6.7821, 10.7063, 20.5668

Rectangle

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



12.9380, 10.7063, 26.5839



15.4956, 10.7063, 13.2529



7.8381, 10.7063, 3.7264



6.2389, 10.7063, 10.1953

Sweetspot

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



12.9384, 10.7067, 26.5842



37.4468, 37.3772, 50.3687



15.9003, 18.8123, 27.9926



8.2186, 8.1597, 11.2213



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



12.9384, 10.7067, 26.5842



19.9034, 15.1600, 47.0050



16.5794, 12.5837, 26.7545



5.2523, 5.3182, 6.7785



5.0753, 2.1100, 23.1169



0.0667, 0.0295, 0.2219

Inverse Universe

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



17.8439, 13.3560, 21.3763



30.0162, 20.6316, 35.8108



16.0697, 22.2435, 11.6305



5.5675, 5.4875, 6.4865



12.3256, 6.0873, 12.6318



0.1268, 0.0618, 0.1681

Previews

White Background



This preview shows how the XYZ color 12.9380, 10.7063, 26.5839 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 12.9380, 10.7063, 26.5839 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 12.9380, 10.7063, 26.5839

Background



This preview shows how black text looks on a background with the XYZ color 12.9380, 10.7063, 26.5839.



This preview shows how white text looks on a background with the XYZ color 12.9380, 10.7063,

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

12.9380, 10.7063, 26.5839

Protanopia

11.4484, 10.7210, 29.0697

Deuteranopia

11.0131, 10.8205, 25.9342



Tritanopia

10.2957, 10.7288, 13.3326

Trichromacy



Original Color

12.9380, 10.7063, 26.5839

Protanomaly

11.8273, 10.5662, 28.2042

Deuteranomaly

11.6143, 10.7437, 26.2725

Tritanomaly

11.1238, 10.6868, 17.3961

Monochromacy



Original Color

12.9380, 10.7063, 26.5839

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.2447, 10.8929, 16.5488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.9380, 10.7063, 26.5839 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(98, 83, 141) looks like.

```
.text, #text, p{  
    color:rgb(98, 83, 141)  
}
```

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(98, 83, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 83, 141) }
```

Border

The CSS property to change the border of an element to XYZ 12.9380, 10.7063, 26.5839 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(98, 83, 141) }
```


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

```
.border{ border-color:rgb(98, 83, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 83, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 83, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 83, 141);  
box-shadow:4px 4px 4px 4px rgb(98, 83,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 12.9380, 10.7063, 26.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 83, 141) }
```

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

```
.background{ background-color: rgb(98, 83,  
141) }
```

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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