

Converting Colors

XYZ(13.9828, 13.1578, 26.5316)

Have a look what the booklet for
XYZ(13.9828, 13.1578, 26.5316)
contains.

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Color

**XYZ(14.0311, 13.1702,
26.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	61628C
RGB	97, 98, 140
RGB Percent	38%, 38%, 55%
CMY	0.6196, 0.6157, 0.4510
CMYK	0.31, 0.30, 0.00, 0.45
HSL	239°, 18%, 46%
HSV	239°, 31%, 55%
XYZ	14.0311, 13.1702, 26.6135
YIQ	102.4890, -14.0780, 12.8500

Conversions

Conversions Part 2

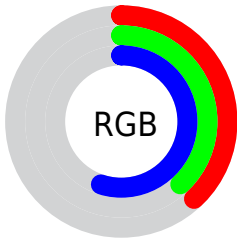
Format	Color
R_{YB}	97, 98, 140
Decimal	6382220
CIE _{Lab}	43.02, 9.86, -23.29
CIE _{LCh}	43, 25.294, 292.951
Yxy	13.1702, 0.2607, 0.2447
Android (android.graphics.Color)	4284572300 (0xFF61628C)
YUV	102.4890, 18.4929, -4.8139
Hunter-Lab	36.2908, 5.5046, -18.0762

Details

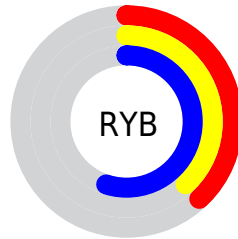
The XYZ color **14.0311, 13.1702, 26.6135** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.2058, 24.9041, 14.9464**, and the grayscale version is **12.7134, 13.3755, 14.5659**.

A 20% lighter version of the original color is **32.8795, 31.7795, 55.4401**, and **4.3401, 3.8471, 10.1867** is the 20% darker color. If you saturate the color by 10%, you get **11.4969, 10.1242, 26.1593**, and if you desaturate by 10%, it is **17.0481, 16.7902, 27.1535**.

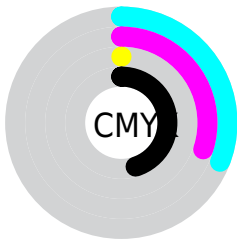
Distribution



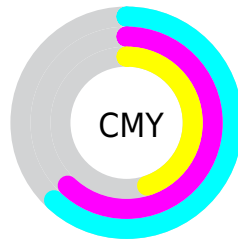
- Red (38%)
- Green (38%)
- Blue (55%)



- Red (38%)
- Yellow (38%)
- Blue (55%)



- Cyan (31%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0311, 13.1702, 26.6135 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 14.0311, 13.1702, 26.6135 by changing the saturation by 10% instead.

■ 14.0311, 13.1702,
26.6135

■ 14.0311, 13.1702,
26.6135

210.9310,
212.0056, 299.4816

■ 8.2241, 7.5459,
17.0533

■ 32.7300, 31.6092,
55.2592

■ 4.2917, 3.8058,
10.1101

■ 46.3527, 45.1927,
75.1818

■ 1.8685, 1.5655,
5.3655

■ 63.3113, 62.1980,
99.3956

■ 0.5584, 0.3342,
2.4008

■ 83.9712, 83.0095,
128.3191

■ 0.0000, 0.0000,
0.7869

108.6978,
108.0116, 162.3710

■ 0.0000, 0.0000,
0.0000

137.8563,

137.5887, 201.9696

171.8123,
172.1253, 247.5337

■ 14.0311, 13.1702,
26.6135

■ 14.0311, 13.1702,
26.6135

■ 11.4969, 10.1242,
26.1593

■ 17.0481, 16.7902,
27.1535

■ 9.4193, 7.6212,
25.7857

■ 20.5696, 21.0099,
27.7823

■ 7.7714, 5.6298,
25.4882

■ 24.6179, 25.8553,
28.5042

■ 6.5232, 4.1148,
25.2616

■ 29.2133, 31.3505,
29.3227

■ 5.6407, 3.0364,
25.0999

■ 34.3751, 37.5182,
30.2411

■ 5.0843, 2.3483,
24.9964

■ 40.1216, 44.3801,
31.2627

■ 4.7690, 1.9641,
24.9389

■ 46.4705, 51.9568,
32.3906

■ 53.4385, 60.2683,
33.6276

■ 61.0418, 69.3335,
34.9766

Harmonies

Analogous

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



12.0652, 13.1702, 27.7867



14.0311, 13.1702, 26.6135



15.7408, 13.1702, 21.7963

Triad

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



14.0311, 13.1702, 26.6135



14.9051, 13.1702, 7.3864



9.1658, 13.1702, 13.0674

Complementary

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



14.0311, 13.1702, 26.6135



22.2058, 24.9041, 14.9464

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.



9.7680, 13.1702, 8.8138



14.0311, 13.1702, 26.6135



12.9817, 13.1702, 6.1300

Square

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



14.0311, 13.1702, 26.6135



16.2807, 13.1702, 10.5613



11.1176, 13.1702, 6.5748



9.3847, 13.1702, 18.9273

Rectangle

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



14.0311, 13.1702, 26.6135



16.4379, 13.1702, 17.7095



11.1176, 13.1702, 6.5748



9.2766, 13.1702, 11.4277

Sweetspot

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



14.0315, 13.1707, 26.6138



37.2912, 38.2701, 49.1644



18.9368, 23.1493, 27.7308



8.3894, 8.5748, 11.2924



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.



14.0315, 13.1707, 26.6138



21.4946, 19.3228, 46.3398



16.3539, 14.2299, 26.6959



4.7834, 4.9097, 6.3014



4.2395, 1.7493, 22.1599



0.0292, 0.0138, 0.1476

Inverse Universe

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



17.2949, 15.0072, 13.5409



28.2223, 23.1304, 19.3841



19.2726, 23.6078, 14.8508



5.0373, 5.0503, 5.2848



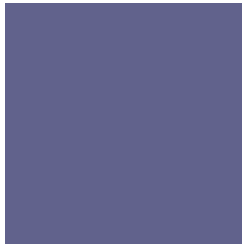
9.6267, 4.9608, 0.5387



0.0645, 0.0332, 0.0064

Previews

White Background



This preview shows how the XYZ color 14.0311, 13.1702, 26.6135 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 14.0311, 13.1702, 26.6135 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 14.0311, 13.1702, 26.6135

Background



This preview shows how black text looks on a background with the XYZ color 14.0311, 13.1702, 26.6135.

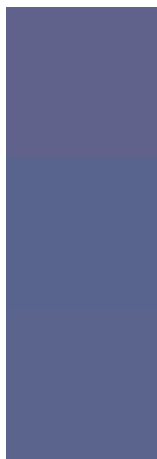


This preview shows how white text looks on a background with the XYZ color 14.0311, 13.1702,

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

14.0311, 13.1702, 26.6135

Protanopia

13.5595, 13.1912, 27.4227

Deuteranopia

13.5072, 13.1815, 26.6433



Tritanopia

12.0893, 13.0945, 17.2196

Trichromacy



Original Color

14.0311, 13.1702, 26.6135

Protanomaly

13.6832, 13.1221, 27.0109

Deuteranomaly

13.7097, 13.1443, 26.6255

Tritanomaly

12.6807, 13.0397, 20.2609

Monochromacy



Original Color

14.0311, 13.1702, 26.6135

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0616, 13.2776, 18.3974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0311, 13.1702, 26.6135 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(97, 98, 140) looks like.

```
.text, #text, p{  
    color:rgb(97, 98, 140)  
}
```

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(97, 98, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 98, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.0311, 13.1702, 26.6135 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(97, 98, 140) }
```


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

```
.border{ border-color:rgb(97, 98, 140) }
```

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

Here you see how a box with a 4 pixel rgb(97, 98, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 98, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 98, 140);  
box-shadow:4px 4px 4px 4px rgb(97, 98,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0311, 13.1702, 26.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 98, 140) }
```

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

```
.background{ background-color: rgb(97, 98,  
140) }
```

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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