

Converting Colors

XYZ(14.5280, 13.1006, 29.7384)

Have a look what the booklet for
XYZ(14.5280, 13.1006, 29.7384)
contains.

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Color

**XYZ(14.5652, 13.1005,
29.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	626094
RGB	98, 96, 148
RGB Percent	38%, 38%, 58%
CMY	0.6157, 0.6235, 0.4196
CMYK	0.34, 0.35, 0.00, 0.42
HSL	242°, 21%, 48%
HSV	242°, 35%, 58%
XYZ	14.5652, 13.1005, 29.7780
YIQ	102.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

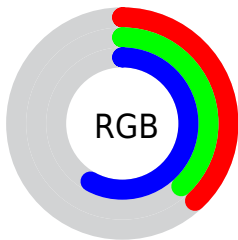
Format	Color
R_{YB}	98, 96, 148
Decimal	6447252
CIE _{Lab}	42.91, 13.62, -28.24
CIE _{LCh}	43, 31.358, 295.752
Yxy	13.1005, 0.2536, 0.2281
Android (android.graphics.Color)	4284637332 (0xFF626094)
YUV	102.5260, 22.4187, -3.9693
Hunter-Lab	36.1946, 8.4902, -23.4428

Details

The XYZ color **14.5652, 13.1005, 29.7780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.5554, 28.1355, 15.2032**, and the grayscale version is **12.7134, 13.3755, 14.5659**.

A 20% lighter version of the original color is **33.5172, 31.3061, 60.1532**, and **4.5649, 3.7972, 11.8016** is the 20% darker color. If you saturate the color by 10%, you get **11.9386, 9.9273, 29.3042**, and if you desaturate by 10%, it is **17.7200, 16.9239, 30.3499**.

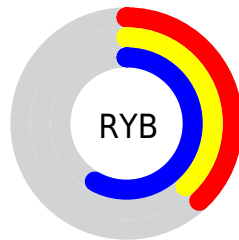
Distribution



Red (38%)

Green (38%)

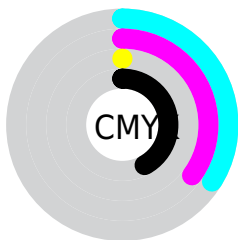
Blue (58%)



Red (38%)

Yellow (38%)

Blue (58%)

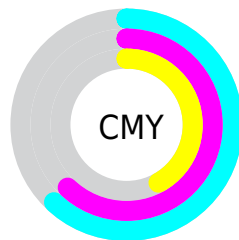


Cyan (34%)

Magenta (35%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5652, 13.1005, 29.7780 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 14.5652, 13.1005, 29.7780 by changing the saturation by 10% instead.

■ 14.5652, 13.1005,
29.7780

■ 14.5652, 13.1005,
29.7780

214.1602,
211.5608, 315.0433

■ 8.5991, 7.4978,
19.4195

■ 33.6665, 31.4842,
60.3678

■ 4.5356, 3.7753,
11.7939

■ 47.5325, 45.0340,
81.4361

■ 2.0094, 1.5487,
6.4827

■ 64.7625, 62.0016,
106.9116

■ 0.6392, 0.3226,
3.0672

■ 85.7219, 82.7715,
137.2126

■ 0.0000, 0.0000,
1.1291

110.7760,
107.7279, 172.7577

■ 0.0000, 0.0000,
0.0000

140.2901,

137.2553, 213.9655

174.6298,
171.7381, 261.2546

■ 14.5652, 13.1005,
29.7780

■ 14.5652, 13.1005,
29.7780

■ 11.9386, 9.9273,
29.3042

■ 17.7200, 16.9239,
30.3499

■ 9.8100, 7.3668,
28.9221

■ 21.4281, 21.4292,
31.0241

■ 8.1483, 5.3797,
28.6262

■ 25.7148, 26.6479,
31.8055

■ 6.9184, 3.9220,
28.4096

■ 30.6035, 32.6092,
32.6985

■ 6.0803, 2.9430,
28.2648

■ 36.1160, 39.3405,
33.7072

■ 5.5839, 2.3772,
28.1818

■ 42.2733, 46.8679,
34.8356

■ 5.4166, 2.1749,
28.1516

■ 49.0953, 55.2163,
36.0875

■ 56.6011, 64.4094,
37.4663

■ 64.8089, 74.4700,
38.9756

Harmonies

Analogous

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



12.1130, 13.1005, 31.9108



14.5652, 13.1005, 29.7780



16.6670, 13.1005, 23.0654

Triad

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



14.5652, 13.1005, 29.7780



15.2322, 13.1005, 5.8938



8.3948, 13.1005, 13.3078

Complementary

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



14.5652, 13.1005, 29.7780



24.5554, 28.1355, 15.2032

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.



9.0146, 13.1005, 8.0464



14.5652, 13.1005, 29.7780



12.7965, 13.1005, 4.7295

Square

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



14.5652, 13.1005, 29.7780



17.0855, 13.1005, 9.2600



10.5531, 13.1005, 5.3674



8.7419, 13.1005, 20.8081

Rectangle

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



14.5652, 13.1005, 29.7780



17.4790, 13.1005, 17.7690



10.5531, 13.1005, 5.3674



8.4945, 13.1005, 11.2535

Sweetspot

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



14.5657, 13.1010, 29.7783



40.6455, 41.2622, 55.2567



20.4895, 25.2653, 31.8140



9.0740, 9.1704, 12.5766



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.5657, 13.1010, 29.7783



22.0493, 18.7036, 51.8826



17.8022, 14.7695, 29.9298



5.5189, 5.6430, 7.2681



4.6321, 1.8605, 24.0460



0.0608, 0.0249, 0.2945

Inverse Universe

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



21.5842, 16.7373, 29.2870



36.3193, 26.0990, 50.7902



20.4843, 26.0368, 15.0127



6.0258, 5.9054, 7.2419



14.6240, 7.0547, 22.5648



0.1814, 0.0873, 0.2889

Previews

White Background



This preview shows how the XYZ color 14.5652, 13.1005, 29.7780 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 14.5652, 13.1005, 29.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

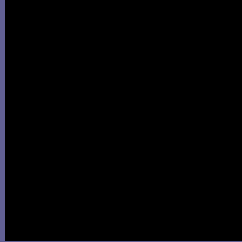
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5652, 13.1005, 29.7780

Background



This preview shows how black text looks on a background with the XYZ color 14.5652, 13.1005, 29.7780.

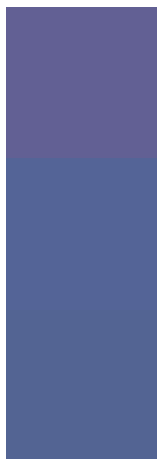


This preview shows how white text looks on a background with the XYZ color 14.5652, 13.1005,

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

14.5652, 13.1005, 29.7780

Protanopia

13.7992, 13.2335, 31.1052

Deuteranopia

13.3909, 13.0599, 29.4188



Tritanopia

11.9913, 13.0440, 17.2150

Trichromacy



Original Color

14.5652, 13.1005, 29.7780

Protanomaly

14.0867, 13.2495, 30.6691

Deuteranomaly

13.7528, 13.1050, 29.4084

Tritanomaly

12.7730, 12.9222, 21.2231

Monochromacy



Original Color

14.5652, 13.1005, 29.7780

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2538, 13.2130, 19.3046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5652, 13.1005, 29.7780 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, 96, 148) looks like.

```
.text, #text, p{  
    color:rgb(98, 96, 148)  
}
```

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, 96, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 96, 148) }
```

Border

The CSS property to change the border of an element to XYZ 14.5652, 13.1005, 29.7780 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, 96, 148) }
```


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

```
.border{ border-color:rgb(98, 96, 148) }
```

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

Here you see how a box with a 4 pixel rgb(98, 96, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 96, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 96, 148);  
box-shadow:4px 4px 4px 4px rgb(98, 96,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5652, 13.1005, 29.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 96, 148) }
```

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

```
.background{ background-color: rgb(98, 96,  
148) }
```

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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