

Converting Colors

XYZ(10.2634, 14.1530, 13.7314)

Have a look what the booklet for
XYZ(10.2634, 14.1530, 13.7314)
contains.

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Color

**XYZ(10.2598, 14.1354,
13.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	3D7362
RGB	61, 115, 98
RGB Percent	24%, 45%, 38%
CMY	0.7608, 0.5490, 0.6157
CMYK	0.47, 0.00, 0.15, 0.55
HSL	161°, 31%, 35%
HSV	161°, 47%, 45%
XYZ	10.2598, 14.1354, 13.7429
YIQ	96.9160, -26.7270, -16.7350

Conversions

Conversions Part 2

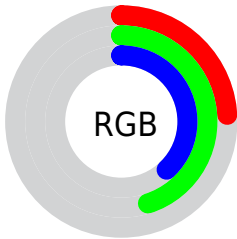
Format	Color
R_{YB}	61, 93, 115
Decimal	4027234
CIE _{Lab}	44.43, -22.39, 3.86
CIE _{LCh}	44, 22.720, 170.218
Yxy	14.1354, 0.2690, 0.3706
Android (android.graphics.Color)	4282217314 (0xFF3D7362)
YUV	96.9160, 0.5344, -31.4983
Hunter-Lab	37.5971, -17.0843, 4.6456

Details

The XYZ color **10.2598, 14.1354, 13.7429** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.1146, 7.5328, 8.1292**, and the grayscale version is **11.3454, 11.9362, 12.9986**.

A 20% lighter version of the original color is **25.9256, 33.2521, 33.4856**, and **2.6432, 4.1831, 3.9169** is the 20% darker color. If you saturate the color by 10%, you get **9.4594, 13.7425, 12.8333**, and if you desaturate by 10%, it is **11.2206, 14.6109, 14.7010**.

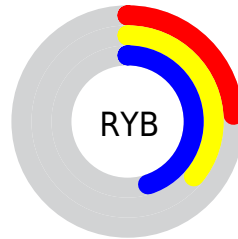
Distribution



Red (24%)

Green (45%)

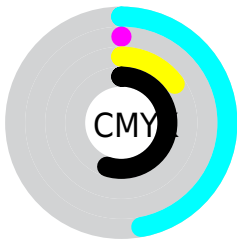
Blue (38%)



Red (24%)

Yellow (36%)

Blue (45%)

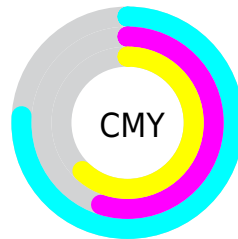


Cyan (47%)

Magenta (0%)

Yellow (15%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2598, 14.1354, 13.7429 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 10.2598, 14.1354, 13.7429 by changing the saturation by 10% instead.

10.2598, 14.1354,
13.7429

10.2598, 14.1354,
13.7429

186.5315,
218.0715, 226.9980

5.6351, 8.2149,
7.8054

25.9283, 33.3291,
33.3427

2.6631, 4.2328,
3.8847

37.7028, 47.3711,
47.8420

0.9782, 1.8046,
1.5623

52.5914, 64.8890,
66.0323

0.0000, 0.4900,
0.2637

70.9593, 86.2672,
88.3322

0.0000, 0.0000,
0.0000

93.1719, 111.8902,
115.1602

119.5945,

142.1423, 146.9348

150.5926,
177.4080, 184.0745

■ 10.2598, 14.1354,
13.7429

■ 10.2598, 14.1354,
13.7429

■ 9.4594, 13.7425,
12.8333

■ 11.2206, 14.6109,
14.7010

■ 8.8083, 13.4252,
11.9703

■ 12.3496, 15.1718,
15.7075

■ 8.2959, 13.1786,
11.1531

■ 13.6556, 15.8230,
16.7638

■ 7.9094, 12.9961,
10.3805

■ 15.1463, 16.5686,
17.8705

■ 7.6190, 12.8622,
9.6506

■ 16.8291, 17.4122,
19.0287

■ 7.5348, 12.8235,
9.4362

■ 18.7108, 18.3574,
20.2391

■ 20.7981, 19.4076,
21.5024

■ 23.0971, 20.5660,
22.8195

■ 25.6138, 21.8357,
24.1910

Harmonies

Analogous

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



10.9104, 14.1354, 9.8053



10.2598, 14.1354, 13.7429



10.3987, 14.1354, 19.1398

Triad

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



10.2598, 14.1354, 13.7429



14.6873, 14.1354, 26.9054



15.8129, 14.1354, 8.8773

Complementary

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



10.2598, 14.1354, 13.7429



10.1146, 7.5328, 8.1292

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.



17.0120, 14.1354, 12.1668



10.2598, 14.1354, 13.7429



16.3224, 14.1354, 22.7749

Square

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



10.2598, 14.1354, 13.7429



12.8467, 14.1354, 27.5992



17.2064, 14.1354, 17.1660



14.0415, 14.1354, 7.4479

Rectangle

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



10.2598, 14.1354, 13.7429



10.9254, 14.1354, 22.8512



17.2064, 14.1354, 17.1660



16.3028, 14.1354, 9.7619

Sweetspot

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



10.2602, 14.1360, 13.7432



25.1106, 28.6622, 30.5218



10.1236, 14.2229, 6.6268



5.8837, 6.7844, 7.1999



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.2602, 14.1360, 13.7432



16.8717, 24.5751, 22.8980



10.0812, 12.3540, 18.0735



3.7366, 4.1366, 4.4467



8.6037, 14.6555, 10.7349



41.5264, 71.2578, 50.2048

Inverse Universe

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



10.1146, 7.5328, 8.1292



16.5840, 11.2318, 11.5857



10.1599, 8.4759, 5.5156



3.7271, 3.7181, 4.0895



8.4414, 4.3103, 2.2664



40.7881, 20.8654, 9.2134

Previews

White Background



This preview shows how the XYZ color 10.2598, 14.1354, 13.7429 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 10.2598, 14.1354, 13.7429 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 10.2598, 14.1354, 13.7429

Background



This preview shows how black text looks on a background with the XYZ color 10.2598, 14.1354, 13.7429.

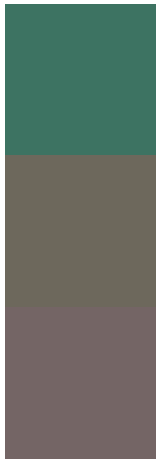


This preview shows how white text looks on a background with the XYZ color 10.2598, 14.1354,

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

10.2598, 14.1354, 13.7429

Protanopia

13.1888, 13.9245, 12.1178

Deuteranopia

14.2051, 13.9599, 14.2578



Tritanopia

11.5601, 14.1621, 20.2134

Trichromacy



Original Color

10.2598, 14.1354, 13.7429

Protanomaly

11.7966, 13.8086, 12.6333

Deuteranomaly

12.2782, 13.7150, 14.0567

Tritanomaly

11.0657, 14.1263, 17.7662

Monochromacy



Original Color

10.2598, 14.1354, 13.7429

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.7641, 12.6485, 13.1833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2598, 14.1354, 13.7429 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(61, 115, 98)` looks like.

```
.text, #text, p{  
    color:rgb(61, 115, 98)  
}
```

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(61, 115, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 115, 98) }
```

Border

The CSS property to change the border of an element to XYZ 10.2598, 14.1354, 13.7429 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(61, 115, 98) }
```


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

```
.border{ border-color:rgb(61, 115, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 115, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 115, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 115, 98);  
box-shadow:4px 4px 4px 4px rgb(61, 115,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2598, 14.1354, 13.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 115, 98) }
```

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

```
.background{ background-color: rgb(61, 115,  
98) }
```

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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