

Converting Colors

XYZ(13.2529, 14.7092, 24.6959)

Have a look what the booklet for
XYZ(13.2529, 14.7092, 24.6959)
contains.

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Color

**XYZ(13.2958, 14.7956,
24.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	506F86
RGB	80, 111, 134
RGB Percent	31%, 44%, 53%
CMY	0.6863, 0.5647, 0.4745
CMYK	0.40, 0.17, 0.00, 0.47
HSL	206°, 25%, 42%
HSV	206°, 40%, 53%
XYZ	13.2958, 14.7956, 24.7093
YIQ	104.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

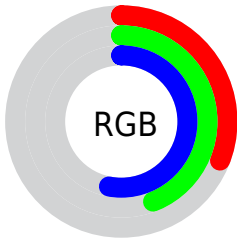
Format	Color
R_{YB}	80, 100, 134
Decimal	5271430
CIE _{Lab}	45.35, -4.90, -16.21
CIE _{LCh}	45, 16.934, 253.189
Yxy	14.7956, 0.2518, 0.2802
Android (android.graphics.Color)	4283461510 (0xFF506F86)
YUV	104.3530, 14.6160, -21.3576
Hunter-Lab	38.4650, -5.6137, -11.1614

Details

The XYZ color **13.2958, 14.7956, 24.7093** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1300, 15.3483, 9.7023**, and the grayscale version is **13.2201, 13.9086, 15.1464**.

A 20% lighter version of the original color is **31.4269, 34.6075, 52.0373**, and **3.9132, 4.4711, 9.0443** is the 20% darker color. If you saturate the color by 10%, you get **11.6724, 13.0639, 24.4609**, and if you desaturate by 10%, it is **15.1857, 16.7244, 24.9823**.

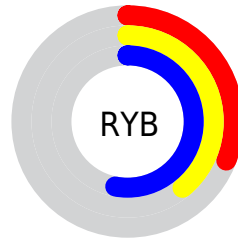
Distribution



Red (31%)

Green (44%)

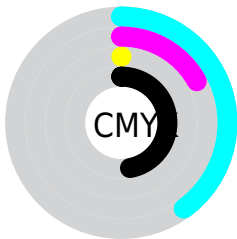
Blue (53%)



Red (31%)

Yellow (39%)

Blue (53%)

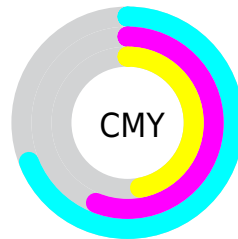


Cyan (40%)

Magenta (17%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2958, 14.7956, 24.7093 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 13.2958, 14.7956, 24.7093 by changing the saturation by 10% instead.

■ 13.2958, 14.7956,
24.7093

■ 13.2958, 14.7956,
24.7093

206.4043,
222.1257, 289.7883

■ 7.7110, 8.6761,
15.6436

■ 31.4310, 34.4942,
52.1435

■ 3.9608, 4.5305,
9.1207

■ 44.7121, 48.8421,
71.3490

■ 1.6800, 1.9745,
4.7221

■ 61.2892, 66.7015,
94.7716

■ 0.4437, 0.5926,
2.0293

■ 81.5279, 88.4568,
122.8296

■ 0.0000, 0.0000,
0.5732

■ 105.7934,
114.4925, 155.9418

■ 0.0000, 0.0000,
0.0000

134.4510,

145.1930, 194.5266

167.8662,
180.9426, 239.0026

■ 13.2958, 14.7956,
24.7093

■ 13.2958, 14.7956,
24.7093

■ 11.6724, 13.0639,
24.4609

■ 15.1857, 16.7244,
24.9823

■ 10.2997, 11.5190,
24.2350

■ 17.3536, 18.8564,
25.2795

■ 9.1626, 10.1525,
24.0312

■ 19.8124, 21.1995,
25.6022

■ 8.2434, 8.9541,
23.8483

■ 22.5732, 23.7606,
25.9510

■ 7.5217, 7.9119,
23.6852

■ 25.6471, 26.5461,
26.3267

■ 6.9519, 7.0189,
23.5429

■ 29.0440, 29.5624,
26.7298

■ 32.7739, 32.8154,
27.1611

■ 36.8460, 36.3108,
27.6212

■ 41.2692, 40.0542,
28.1106

Harmonies

Analogous

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



12.1836, 14.7956, 22.0065



13.2958, 14.7956, 24.7093



14.6882, 14.7956, 24.8781

Triad

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



13.2958, 14.7956, 24.7093



16.8605, 14.7956, 14.4083



12.2937, 14.7956, 11.1016

Complementary

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



13.2958, 14.7956, 24.7093



16.1300, 15.3483, 9.7023

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.



13.4554, 14.7956, 9.6900



13.2958, 14.7956, 24.7093



16.1259, 14.7956, 11.3736

Square

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



13.2958, 14.7956, 24.7093



16.8106, 14.7956, 18.4528



14.8587, 14.7956, 9.7805



11.6320, 14.7956, 13.9742

Rectangle

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



13.2958, 14.7956, 24.7093



15.5940, 14.7956, 23.4911



14.8587, 14.7956, 9.7805



12.6352, 14.7956, 10.4637

Sweetspot

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



13.2963, 14.7962, 24.7096



34.0135, 36.5091, 44.9927



14.2569, 19.7253, 15.7572



7.5576, 8.1255, 10.1227



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.



13.2963, 14.7962, 24.7096



20.8958, 23.3774, 43.1494



10.8211, 9.8458, 23.8846



4.6398, 4.9553, 5.9127



6.5257, 6.5992, 22.0665



0.0299, 0.0374, 0.0789

Inverse Universe

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



15.5698, 11.9538, 16.5262



25.5764, 18.1041, 26.1723



19.1961, 21.4804, 10.7243



4.7762, 4.7302, 5.4340



10.4720, 5.2531, 7.0577



0.0399, 0.0197, 0.0437

Previews

White Background



This preview shows how the XYZ color 13.2958, 14.7956, 24.7093 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 13.2958, 14.7956, 24.7093 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

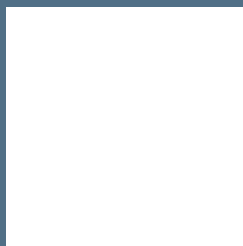
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2958, 14.7956, 24.7093

Background



This preview shows how black text looks on a background with the XYZ color 13.2958, 14.7956, 24.7093.

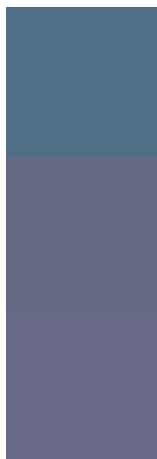


This preview shows how white text looks on a background with the XYZ color 13.2958, 14.7956,

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

13.2958, 14.7956, 24.7093

Protanopia

14.6176, 14.7135, 23.5423

Deuteranopia

15.0183, 14.7360, 24.9745



Tritanopia

12.4785, 14.7932, 20.6100

Trichromacy



Original Color

13.2958, 14.7956, 24.7093

Protanomaly

14.0416, 14.7182, 23.9306

Deuteranomaly

14.3502, 14.6976, 25.0022

Tritanomaly

12.7020, 14.7144, 21.9094

Monochromacy



Original Color

13.2958, 14.7956, 24.7093

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.0715, 14.1861, 18.2689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2958, 14.7956, 24.7093 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(80, 111, 134)` looks like.

```
.text, #text, p{  
    color:rgb(80, 111, 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(80, 111, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 111, 134) }
```

Border

The CSS property to change the border of an element to XYZ 13.2958, 14.7956, 24.7093 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(80, 111, 134) }
```


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

```
.border{ border-color:rgb(80, 111, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 111, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 111, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 111, 134);  
box-shadow:4px 4px 4px 4px rgb(80, 111,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2958, 14.7956, 24.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 111, 134) }
```

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

```
.background{ background-color: rgb(80, 111,  
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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