

Converting Colors

XYZ(14.6412, 13.0487, 48.2856)

Have a look what the booklet for
XYZ(14.6412, 13.0487, 48.2856)
contains.

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Color

**XYZ(14.5958, 12.9843,
48.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	3362BA
RGB	51, 98, 186
RGB Percent	20%, 38%, 73%
CMY	0.8000, 0.6157, 0.2706
CMYK	0.73, 0.47, 0.00, 0.27
HSL	219°, 57%, 46%
HSV	219°, 73%, 73%
XYZ	14.5958, 12.9843, 48.1913
YIQ	93.9790, -56.2600, 17.4040

Conversions

Conversions Part 2

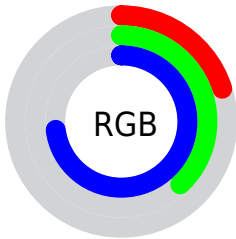
Format	Color
R_{YB}	51, 86, 186
Decimal	3367610
CIE _{Lab}	42.74, 14.56, -51.14
CIE _{LCh}	43, 53.175, 285.896
Yxy	12.9843, 0.1926, 0.1714
Android (android.graphics.Color)	4281557690 (0xFF3362BA)
YUV	93.9790, 45.3664, -37.6926
Hunter-Lab	36.0337, 9.2441, -54.0705

Details

The XYZ color **14.5958, 12.9843, 48.1913** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **30.0814, 29.1459, 7.1732**, and the grayscale version is **10.5409, 11.0898, 12.0768**.

A 20% lighter version of the original color is **33.7070, 31.2283, 89.0451**, and **5.4380, 4.2121, 22.3562** is the 20% darker color. If you saturate the color by 10%, you get **12.7893, 10.4945, 47.8062**, and if you desaturate by 10%, it is **16.9501, 16.0118, 48.6519**.

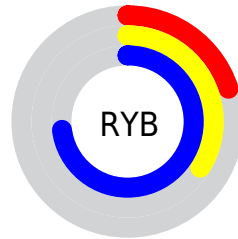
Distribution



Red (20%)

Green (38%)

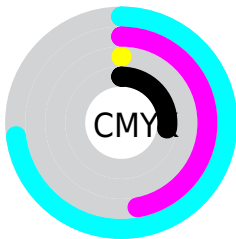
Blue (73%)



Red (20%)

Yellow (34%)

Blue (73%)

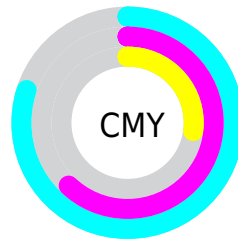


Cyan (73%)

Magenta (47%)

Yellow (0%)

Black (27%)



Cyan (80%)

Magenta (62%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5958, 12.9843, 48.1913 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 14.5958, 12.9843, 48.1913 by changing the saturation by 10% instead.

■ 14.5958, 12.9843,
48.1913

■ 14.5958, 12.9843,
48.1913

214.3437,
210.8170, 396.0805

■ 8.6207, 7.4177,
33.6173

■ 33.7200, 31.2756,
88.8577

■ 4.5497, 3.7247,
22.3248

■ 47.5998, 44.7691,
115.7872

■ 2.0176, 1.5208,
13.8952

■ 64.8452, 61.6737,
147.6723

■ 0.6438, 0.3033,
7.9099

■ 85.8216, 82.3738,
184.9315

■ 0.0000, 0.0000,
3.9504

■ 110.8943,
107.2538, 227.9834

■ 0.0000, 0.0000,
1.5982

140.4286,

■ 0.0000, 0.0000,

136.6980, 277.2465

0.2895

174.7900,
171.0910, 333.1393

■ 0.0000, 0.0000,
0.0000

■ 14.5958, 12.9843,
48.1913

■ 14.5958, 12.9843,
48.1913

■ 12.7893, 10.4945,
47.8062

■ 16.9501, 16.0118,
48.6519

■ 11.4733, 8.5013,
47.4909

■ 19.8976, 19.6109,
49.1912

■ 10.7389, 7.2970,
47.2971

■ 23.4806, 23.8135,
49.8136

■ 27.7365, 28.6486,
50.5225

■ 32.7001, 34.1433,
51.3215

■ 38.4033, 40.3226,
52.2136

■ 44.8761, 47.2104,
53.2020

■ 52.1469, 54.8294,
54.2894

■ 60.2425, 63.2010,
55.4786

Harmonies

Analogous

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



10.5417, 12.9843, 48.6008



14.5958, 12.9843, 48.1913



18.8092, 12.9843, 35.9895

Triad

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



14.5958, 12.9843, 48.1913



18.5824, 12.9843, 3.4180



6.2316, 12.9843, 9.3758

Complementary

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



14.5958, 12.9843, 48.1913



30.0814, 29.1459, 7.1732

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.



7.5573, 12.9843, 3.6128



14.5958, 12.9843, 48.1913



14.3346, 12.9843, 1.6712

Square

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



14.5958, 12.9843, 48.1913



21.4319, 12.9843, 8.8734



10.3316, 12.9843, 1.7150



6.2716, 12.9843, 21.1564

Rectangle

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



14.5958, 12.9843, 48.1913



20.8866, 12.9843, 25.3218



10.3316, 12.9843, 1.7150



6.5172, 12.9843, 6.8539

Sweetspot

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



14.5964, 12.9847, 48.1916



59.4757, 62.1109, 93.0553



23.5669, 37.6789, 30.3623



12.5279, 13.0527, 20.4017



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



14.5964, 12.9847, 48.1916



21.6819, 16.7994, 86.3012



12.6646, 7.2629, 47.1890



8.7700, 9.2172, 11.3963



7.2888, 5.0373, 31.8412



0.3162, 0.2961, 1.1422

Inverse Universe

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



23.6387, 13.6894, 12.9518



39.7493, 20.9444, 15.2744



33.8306, 43.4373, 9.7341



9.1302, 9.0625, 10.0332



14.2927, 7.2908, 4.1623



0.5338, 0.2690, 0.3042

Previews

White Background



This preview shows how the XYZ color 14.5958, 12.9843, 48.1913 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 14.5958, 12.9843, 48.1913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

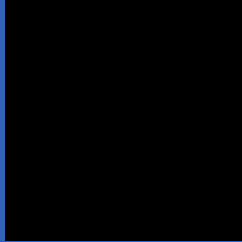
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5958, 12.9843, 48.1913

Background



This preview shows how black text looks on a background with the XYZ color 14.5958, 12.9843, 48.1913.



This preview shows how white text looks on a background with the XYZ color 14.5958, 12.9843,

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

14.5958, 12.9843, 48.1913

Protanopia

14.6072, 12.8644, 47.6121

Deuteranopia

13.0919, 12.8389, 45.5042



Tritanopia

9.1843, 12.9444, 19.7838

Trichromacy



Original Color

14.5958, 12.9843, 48.1913

Protanomaly

14.5530, 12.8364, 47.6096

Deuteranomaly

13.4695, 12.8647, 46.5730

Tritanomaly

10.5603, 12.6675, 28.2740

Monochromacy



Original Color

14.5958, 12.9843, 48.1913

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0649, 11.3364, 21.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5958, 12.9843, 48.1913 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(51, 98, 186)` looks like.

```
.text, #text, p{  
    color:rgb(51, 98, 186)  
}
```

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(51, 98, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 98, 186) }
```

Border

The CSS property to change the border of an element to XYZ 14.5958, 12.9843, 48.1913 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(51, 98, 186) }
```


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

```
.border{ border-color:rgb(51, 98, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 98, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 98, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 98, 186);  
box-shadow:4px 4px 4px 4px rgb(51, 98,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5958, 12.9843, 48.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 98, 186) }
```

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

```
.background{ background-color: rgb(51, 98,  
186) }
```

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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