

Converting Colors

XYZ(14.9222, 19.2135, 24.7795)

Have a look what the booklet for
XYZ(14.9222, 19.2135, 24.7795)
contains.

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Color

**XYZ(14.9536, 19.2763,
24.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	488384
RGB	72, 131, 132
RGB Percent	28%, 51%, 52%
CMY	0.7176, 0.4863, 0.4823
CMYK	0.45, 0.01, 0.00, 0.48
HSL	181°, 29%, 40%
HSV	181°, 45%, 52%
XYZ	14.9536, 19.2763, 24.7623
YIQ	113.4730, -35.4850, -12.1970

Conversions

Conversions Part 2

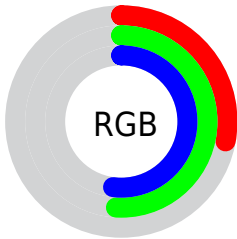
Format	Color
R_{YB}	72, 102, 132
Decimal	4752260
CIE _{Lab}	51.01, -18.91, -6.55
CIE _{LCh}	51, 20.010, 199.096
Yxy	19.2763, 0.2535, 0.3268
Android (android.graphics.Color)	4282942340 (0xFF488384)
YUV	113.4730, 9.1338, -36.3718
Hunter-Lab	43.9048, -16.0378, -2.7062

Details

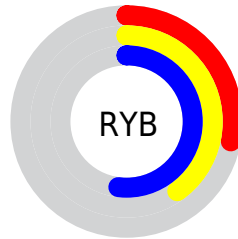
The XYZ color **14.9536, 19.2763, 24.7623** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0681, 10.1386, 7.3993**, and the grayscale version is **15.8183, 16.6421, 18.1232**.

A 20% lighter version of the original color is **34.3549, 42.1437, 52.2228**, and **4.7008, 6.6110, 9.2119** is the 20% darker color. If you saturate the color by 10%, you get **14.0440, 18.7641, 24.7117**, and if you desaturate by 10%, it is **16.0757, 19.8991, 24.8237**.

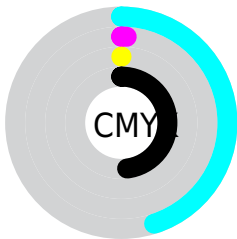
Distribution



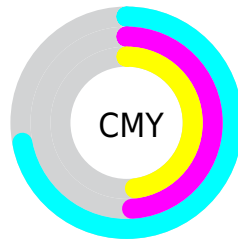
- Red (28%)
- Green (51%)
- Blue (52%)



- Red (28%)
- Yellow (40%)
- Blue (52%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)



- Cyan (72%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9536, 19.2763, 24.7623 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 14.9536, 19.2763, 24.7623 by changing the saturation by 10% instead.

■ 14.9536, 19.2763,
24.7623

■ 14.9536, 19.2763,
24.7623

216.4792,
247.9699, 290.0618

■ 8.8729, 11.8701,
15.6826

■ 34.3441, 42.2005,
52.2307

■ 4.7148, 6.6553,
9.1479

■ 48.3846, 58.4872,
71.4565

■ 2.1140, 3.2475,
4.7397

■ 65.8091, 78.5029,
94.9014

■ 0.6968, 1.2623,
2.0393

■ 86.9830, 102.6320,
122.9840

■ 0.0000, 0.1117,
0.5793

■ 112.2716,
131.2588, 156.1228

■ 0.0000, 0.0000,
0.0000

142.0402,

164.7678, 194.7363

176.6543,
203.5434, 239.2431

■ 14.9536, 19.2763,
24.7623

■ 14.9536, 19.2763,
24.7623

■ 14.0440, 18.7641,
24.7117

■ 16.0757, 19.8991,
24.8237

■ 13.3315, 18.3532,
24.6699

■ 17.4212, 20.6366,
24.8951

■ 12.8016, 18.0364,
24.6367

■ 19.0019, 21.4955,
24.9776

■ 12.4366, 17.8048,
24.6113

■ 20.8286, 22.4813,
25.0716

■ 12.2100, 17.6446,
24.5923

■ 22.9114, 23.5992,
25.1776

■ 12.1216, 17.5793,
24.5844

■ 25.2597, 24.8541,
25.2961

■ 27.8826, 26.2507,
25.4274

■ 30.7885, 27.7932,
25.5720

■ 33.9857, 29.4860,
25.7302

Harmonies

Analogous

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



14.8310, 19.2763, 18.9925



14.9536, 19.2763, 24.7623



15.9395, 19.2763, 30.3571

Triad

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



14.9536, 19.2763, 24.7623



21.3529, 19.2763, 28.9700



19.0514, 19.2763, 11.9979

Complementary

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



14.9536, 19.2763, 24.7623



13.0681, 10.1386, 7.3993

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.



20.9298, 19.2763, 13.7780



14.9536, 19.2763, 24.7623



22.3208, 19.2763, 23.1200

Square

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



14.9536, 19.2763, 24.7623



19.5957, 19.2763, 33.0728



22.1606, 19.2763, 17.6192



17.1038, 19.2763, 12.2778

Rectangle

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



14.9536, 19.2763, 24.7623



16.9962, 19.2763, 32.9136



22.1606, 19.2763, 17.6192



19.7141, 19.2763, 12.3603

Sweetspot

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



14.9542, 19.2771, 24.7628



33.8163, 38.0505, 44.0153



12.0937, 18.3484, 9.0354



7.7419, 8.7879, 10.2409



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.



14.9542, 19.2771, 24.7628



24.6289, 32.9902, 43.5228



11.5890, 12.5467, 23.6410



4.7952, 5.2659, 5.9644



11.7370, 17.0218, 23.8036



0.0412, 0.0600, 0.0826

Inverse Universe

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



15.9302, 11.1793, 22.7919



26.5960, 16.8078, 39.5199



15.4371, 14.8765, 8.1890



4.8546, 4.7615, 5.8468



13.1024, 6.3053, 20.9094



0.0457, 0.0220, 0.0738

Previews

White Background



This preview shows how the XYZ color 14.9536, 19.2763, 24.7623 looks on a white 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

Black Background



This preview shows how the XYZ color 14.9536, 19.2763, 24.7623 looks on a black 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

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

XYZ 14.9536, 19.2763, 24.7623

Background



This preview shows how black text looks on a background with the XYZ color 14.9536, 19.2763, 24.7623.



This preview shows how white text looks on a background with the XYZ color 14.9536, 19.2763,

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

14.9536, 19.2763, 24.7623

Protanopia

18.4442, 19.0512, 22.1072

Deuteranopia

19.4558, 19.1418, 25.5910



Tritanopia

15.6179, 19.3546, 27.7236

Trichromacy



Original Color

14.9536, 19.2763, 24.7623

Protanomaly

16.8129, 18.9169, 23.1873

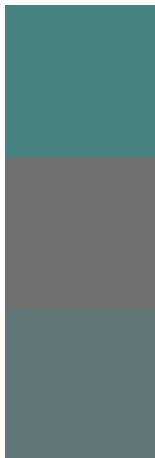
Deuteranomaly

17.3299, 18.9513, 25.2988

Tritanomaly

15.3220, 19.2273, 26.5706

Monochromacy



Original Color

14.9536, 19.2763, 24.7623

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1436, 17.3857, 20.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9536, 19.2763, 24.7623 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(72, 131, 132)` looks like.

```
.text, #text, p{  
    color:rgb(72, 131, 132)  
}
```

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(72, 131, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 131, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.9536, 19.2763, 24.7623 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(72, 131, 132) }
```


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

```
.border{ border-color:rgb(72, 131, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 131, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 131, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 131, 132);  
box-shadow:4px 4px 4px 4px rgb(72, 131,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9536, 19.2763, 24.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 131, 132) }
```

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

```
.background{ background-color: rgb(72, 131,  
132) }
```

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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