

Converting Colors

XYZ(16.5479, 14.3503, 32.0347)

Have a look what the booklet for
XYZ(16.5479, 14.3503, 32.0347)
contains.

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Color

**XYZ(16.5479, 14.3503,
32.0347)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6299
RGB	110, 98, 153
RGB Percent	43%, 38%, 60%
CMY	0.5686, 0.6157, 0.4000
CMYK	0.28, 0.36, 0.00, 0.40
HSL	253°, 22%, 49%
HSV	253°, 36%, 60%
XYZ	16.5479, 14.3503, 32.0347
YIQ	107.8580, -10.5030, 19.6490

Conversions

Conversions Part 2

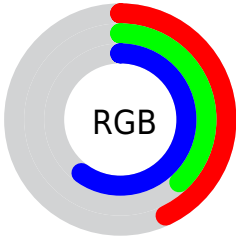
Format	Color
R_{YB}	110, 98, 153
Decimal	7234201
CIE _{Lab}	44.73, 17.42, -28.31
CIE _{LCh}	45, 33.242, 301.606
Yxy	14.3503, 0.2629, 0.2280
Android (android.graphics.Color)	4285424281 (0xFF6E6299)
YUV	107.8580, 22.2550, 1.8785
Hunter-Lab	37.8818, 11.6810, -23.6213

Details

The XYZ color **16.5479, 14.3503, 32.0347** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.5806, 29.3273, 15.9210**, and the grayscale version is **14.1563, 14.8936, 16.2191**.

A 20% lighter version of the original color is **37.2369, 33.8355, 64.2428**, and **5.4456, 4.2876, 13.1110** is the 20% darker color. If you saturate the color by 10%, you get **13.8617, 11.0399, 31.5376**, and if you desaturate by 10%, it is **19.7097, 18.3127, 32.6331**.

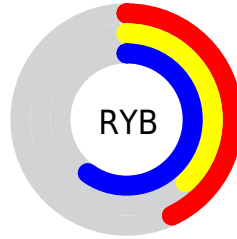
Distribution



Red (43%)

Green (38%)

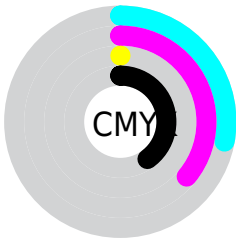
Blue (60%)



Red (43%)

Yellow (38%)

Blue (60%)

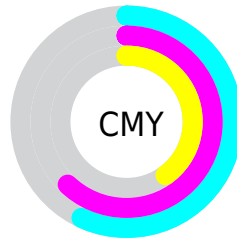


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (62%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5479, 14.3503, 32.0347 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 16.5479, 14.3503, 32.0347 by changing the saturation by 10% instead.

■ 16.5479, 14.3503,
32.0347

■ 16.5479, 14.3503,
32.0347

225.7608,
219.3993, 325.7749

■ 10.0060, 8.3647,
21.1230

■ 37.0966, 33.7093,
63.9640

■ 5.4652, 4.3292,
13.0218

■ 51.8341, 47.8515,
85.8187

■ 2.5603, 1.8594,
7.3127

■ 70.0342, 65.4814,
112.1581

■ 0.9257, 0.5238,
3.5770

■ 92.0623, 86.9833,
143.4008

■ 0.0000, 0.0000,
1.3963

118.2836,
112.7416, 179.9652

■ 0.0000, 0.0000,
0.1388

149.0635,

■ 0.0000, 0.0000,

143.1408, 222.2700

0.0000

184.7675,
178.5652, 270.7338

■ 16.5479, 14.3503,
32.0347

■ 16.5479, 14.3503,
32.0347

■ 13.8617, 11.0399,
31.5376

■ 19.7097, 18.3127,
32.6331

■ 11.6260, 8.3444,
31.1351

■ 23.3675, 22.9581,
33.3370

■ 9.8154, 6.2255,
30.8216

■ 27.5424, 28.3176,
34.1514

■ 8.4016, 4.6399,
30.5900

■ 32.2537, 34.4197,
35.0810

■ 7.3523, 3.5379,
30.4326

■ 37.5199, 41.2916,
36.1298

■ 6.6250, 2.8510,
30.3384

■ 43.3583, 48.9588,
37.3020

■ 6.3893, 2.6296,
30.3080

■ 49.7858, 57.4459,
38.6014

■ 56.8182, 66.7764,
40.0317

■ 64.4710, 76.9726,
41.5964

Harmonies

Analogous

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



13.7856, 14.3503, 35.7204



16.5479, 14.3503, 32.0347



18.7402, 14.3503, 23.8238

Triad

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



16.5479, 14.3503, 32.0347



16.2627, 14.3503, 5.8497



9.0769, 14.3503, 16.0457

Complementary

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



16.5479, 14.3503, 32.0347



24.5806, 29.3273, 15.9210

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.



9.5601, 14.3503, 9.5630



16.5479, 14.3503, 32.0347



13.4945, 14.3503, 4.9708

Square

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



16.5479, 14.3503, 32.0347



18.5608, 14.3503, 9.0518



11.0936, 14.3503, 6.0690



9.6755, 14.3503, 24.7934

Rectangle

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



16.5479, 14.3503, 32.0347



19.4528, 14.3503, 17.8997



11.0936, 14.3503, 6.0690



9.1178, 14.3503, 13.5517

Sweetspot

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



16.5484, 14.3509, 32.0350



45.2664, 45.4916, 60.3669



20.3244, 23.9713, 33.6930



9.7960, 9.7895, 13.2907



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.5484, 14.3509, 32.0350



25.7651, 20.9208, 56.6521



20.5029, 16.3895, 32.2201



6.0043, 6.0881, 7.7876



5.3052, 2.1860, 25.0500



0.1059, 0.0464, 0.3757

Inverse Universe

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



22.3126, 17.4313, 27.3881



37.7361, 27.3271, 46.5935



20.4816, 27.2142, 15.7292



6.4035, 6.3006, 7.5049



13.6528, 6.7153, 15.2285



0.2169, 0.1055, 0.2952

Previews

White Background



This preview shows how the XYZ color 16.5479, 14.3503, 32.0347 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 16.5479, 14.3503, 32.0347 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 16.5479, 14.3503, 32.0347

Background



This preview shows how black text looks on a background with the XYZ color 16.5479, 14.3503, 32.0347.

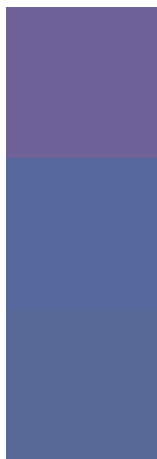


This preview shows how white text looks on a background with the XYZ color 16.5479, 14.3503,

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

16.5479, 14.3503, 32.0347

Protanopia

15.0523, 14.3955, 34.3330

Deuteranopia

14.7436, 14.4449, 31.7168



Tritanopia

13.6708, 14.3478, 17.9685

Trichromacy



Original Color

16.5479, 14.3503, 32.0347

Protanomaly

15.4714, 14.3359, 33.4042

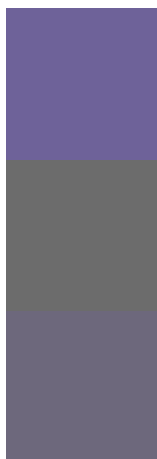
Deuteranomaly

15.2427, 14.2565, 31.6542

Tritanomaly

14.5722, 14.2623, 22.4069

Monochromacy



Original Color

16.5479, 14.3503, 32.0347

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8951, 14.6071, 21.1032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5479, 14.3503, 32.0347 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(110, 98, 153)` looks like.

```
.text, #text, p{  
    color:rgb(110, 98, 153)  
}
```

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(110, 98, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 98, 153) }
```

Border

The CSS property to change the border of an element to XYZ 16.5479, 14.3503, 32.0347 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(110, 98, 153) }
```


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

```
.border{ border-color:rgb(110, 98, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 98, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 98, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 98, 153);  
box-shadow:4px 4px 4px 4px rgb(110, 98,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5479, 14.3503, 32.0347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 98, 153) }
```

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

```
.background{ background-color: rgb(110, 98,  
153) }
```

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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