

Converting Colors

XYZ(16.1402, 14.0558, 27.0618)

Have a look what the booklet for
XYZ(16.1402, 14.0558, 27.0618)
contains.

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Color

**XYZ(16.1526, 14.1173,
27.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	73618D
RGB	115, 97, 141
RGB Percent	45%, 38%, 55%
CMY	0.5490, 0.6196, 0.4471
CMYK	0.18, 0.31, 0.00, 0.45
HSL	265°, 18%, 47%
HSV	265°, 31%, 55%
XYZ	16.1526, 14.1173, 27.0729
YIQ	107.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

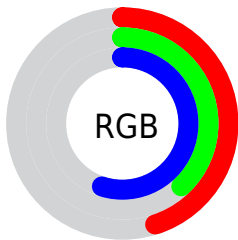
Format	Color
R_{YB}	115, 97, 141
Decimal	7561613
CIE _{Lab}	44.40, 16.60, -21.62
CIE _{LCh}	44, 27.264, 307.519
Yxy	14.1173, 0.2817, 0.2462
Android (android.graphics.Color)	4285751693 (0xFF73618D)
YUV	107.3980, 16.5658, 6.6670
Hunter-Lab	37.5730, 10.9843, -16.4198

Details

The XYZ color **16.1526, 14.1173, 27.0729** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.8514, 24.1242, 14.9200**, and the grayscale version is **14.0421, 14.7734, 16.0882**.

A 20% lighter version of the original color is **36.5887, 33.4448, 56.1568**, and **5.2757, 4.1948, 10.4291** is the 20% darker color. If you saturate the color by 10%, you get **13.9172, 11.2000, 26.6279**, and if you desaturate by 10%, it is **18.7195, 17.5500, 27.6004**.

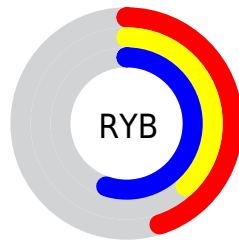
Distribution



Red (45%)

Green (38%)

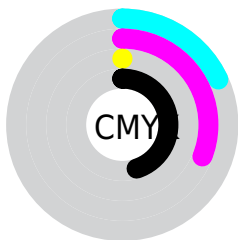
Blue (55%)



Red (45%)

Yellow (38%)

Blue (55%)

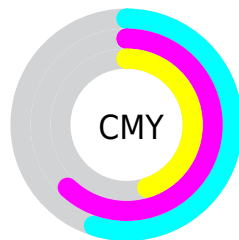


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1526, 14.1173, 27.0729 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 16.1526, 14.1173, 27.0729 by changing the saturation by 10% instead.

■ 16.1526, 14.1173,
27.0729

■ 16.1526, 14.1173,
27.0729

223.4932,
217.9593, 301.7812

■ 9.7237, 8.2023,
17.3951

■ 36.4182, 33.2970,
56.0060

■ 5.2770, 4.2247,
10.3516

■ 50.9857, 47.3305,
76.0983

■ 2.4471, 1.8000,
5.5241

■ 68.9968, 64.8390,
100.4992

■ 0.8687, 0.4872,
2.4939

■ 90.8168, 86.2068,
129.6272

■ 0.0000, 0.0000,
0.8369

116.8111,
111.8183, 163.9009

■ 0.0000, 0.0000,
0.0000

147.3450,

142.0580, 203.7388

182.7839,
177.3102, 249.5594

■ 16.1526, 14.1173,
27.0729

■ 16.1526, 14.1173,
27.0729

■ 13.9172, 11.2000,
26.6279

■ 18.7195, 17.5500,
27.6004

■ 11.9972, 8.7705,
26.2601

■ 21.6305, 21.5203,
28.2133

■ 10.3768, 6.8012,
25.9654

■ 24.8990, 26.0514,
28.9156

■ 9.0383, 5.2608,
25.7386

■ 28.5375, 31.1643,
29.7108

■ 7.9619, 4.1142,
25.5740

■ 32.5575, 36.8793,
30.6020

7.1247, 3.3200,
25.4649

36.9702, 43.2152,
31.5924

6.5341, 2.8131,
25.3981

41.7864, 50.1905,
32.6849

47.0164, 57.8226,
33.8824

52.6700, 66.1282,
35.1876

Harmonies

Analogous

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



13.9773, 14.1173, 30.7157



16.1526, 14.1173, 27.0729



17.7022, 14.1173, 20.4653

Triad

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



16.1526, 14.1173, 27.0729



15.0954, 14.1173, 6.6970



9.6577, 14.1173, 17.0058

Complementary

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



16.1526, 14.1173, 27.0729



19.8514, 24.1242, 14.9200

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.



9.8877, 14.1173, 11.2017



16.1526, 14.1173, 27.0729



12.8740, 14.1173, 6.2402

Square

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



16.1526, 14.1173, 27.0729



17.0470, 14.1173, 9.1288



11.0110, 14.1173, 7.6465



10.3446, 14.1173, 23.9586

Rectangle

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



16.1526, 14.1173, 27.0729



18.0856, 14.1173, 15.8999



11.0110, 14.1173, 7.6465



9.6318, 14.1173, 14.8546

Sweetspot

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



16.1531, 14.1179, 27.0732



39.8614, 40.0890, 50.7649



16.8707, 18.7304, 27.9257



8.7403, 8.7295, 11.3037



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



16.1531, 14.1179, 27.0732



26.2241, 21.7389, 47.9417



19.3339, 15.7577, 27.2221



5.3255, 5.3560, 6.7819



5.9750, 2.5738, 23.1590



0.0811, 0.0370, 0.2225

Inverse Universe

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



18.8348, 15.6428, 20.7662



31.8634, 24.9493, 34.5048



17.0948, 22.7030, 14.7910



5.5341, 5.4742, 6.3108



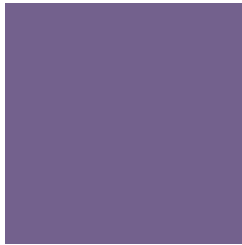
11.4588, 5.7405, 8.0671



0.1205, 0.0593, 0.1349

Previews

White Background



This preview shows how the XYZ color 16.1526, 14.1173, 27.0729 looks on a white background.

Color Contrast Check

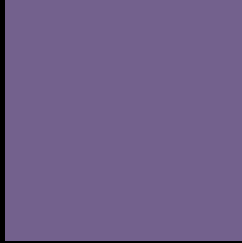
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1526, 14.1173, 27.0729 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 16.1526, 14.1173, 27.0729

Background



This preview shows how black text looks on a background with the XYZ color 16.1526, 14.1173, 27.0729.



This preview shows how white text looks on a background with the XYZ color 16.1526, 14.1173,

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

16.1526, 14.1173, 27.0729

Protanopia

14.5523, 14.2513, 29.1779

Deuteranopia

14.4077, 14.0807, 26.7694



Tritanopia

14.1499, 14.1632, 17.0269

Trichromacy



Original Color

16.1526, 14.1173, 27.0729

Protanomaly

14.9433, 14.0303, 28.3061

Deuteranomaly

14.9808, 14.0844, 26.7399

Tritanomaly

14.8486, 14.1572, 20.3624

Monochromacy



Original Color

16.1526, 14.1173, 27.0729

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.6104, 14.3474, 19.4520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1526, 14.1173, 27.0729 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(115, 97, 141)` looks like.

```
.text, #text, p{  
    color:rgb(115, 97, 141)  
}
```

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(115, 97, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 97, 141) }
```

Border

The CSS property to change the border of an element to XYZ 16.1526, 14.1173, 27.0729 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(115, 97, 141) }
```


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

```
.border{ border-color:rgb(115, 97, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 97, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 97, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 97, 141);  
box-shadow:4px 4px 4px 4px rgb(115, 97,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1526, 14.1173, 27.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 97, 141) }
```

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

```
.background{ background-color: rgb(115, 97,  
141) }
```

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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