

Converting Colors

XYZ(16.4288, 15.3190, 25.6394)

Have a look what the booklet for
XYZ(16.4288, 15.3190, 25.6394)
contains.

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Color

**XYZ(16.4051, 15.2842,
25.7524)**

Conversions

Conversions Part 1

Format	Color
Hex	726889
RGB	114, 104, 137
RGB Percent	45%, 41%, 54%
CMY	0.5529, 0.5921, 0.4627
CMYK	0.17, 0.24, 0.00, 0.46
HSL	258°, 14%, 47%
HSV	258°, 24%, 54%
XYZ	16.4051, 15.2842, 25.7524
YIQ	110.7520, -4.6330, 12.3830

Conversions

Conversions Part 2

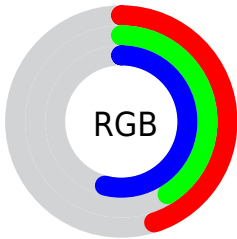
Format	Color
R_{YB}	114, 104, 137
Decimal	7497865
CIE Lab	46.02, 11.06, -16.75
CIE LCh	46, 20.071, 303.424
Yxy	15.2842, 0.2856, 0.2661
Android (android.graphics.Color)	4285687945 (0xFF726889)
YUV	110.7520, 12.9403, 2.8485
Hunter-Lab	39.0950, 6.4861, -11.6886

Details

The XYZ color **16.4051, 15.2842, 25.7524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.1973, 23.4032, 16.5502**, and the grayscale version is **15.0027, 15.7840, 17.1888**.

A 20% lighter version of the original color is **36.7415, 35.2674, 53.5860**, and **5.3634, 4.7382, 9.6487** is the 20% darker color. If you saturate the color by 10%, you get **13.9587, 12.1399, 25.2747**, and if you desaturate by 10%, it is **19.2062, 18.9448, 26.3116**.

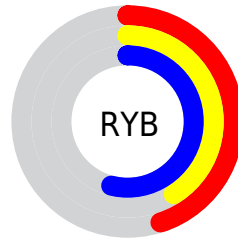
Distribution



Red (45%)

Green (41%)

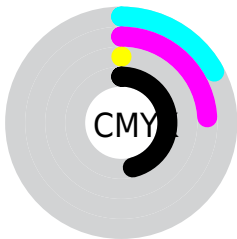
Blue (54%)



Red (45%)

Yellow (41%)

Blue (54%)

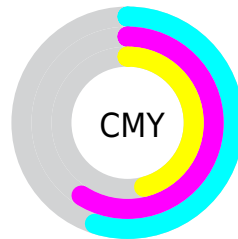


Cyan (17%)

Magenta (24%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4051, 15.2842, 25.7524 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 16.4051, 15.2842, 25.7524 by changing the saturation by 10% instead.

■ 16.4051, 15.2842,
25.7524

■ 16.4051, 15.2842,
25.7524

224.9441,
225.0800, 295.1312

■ 9.9039, 9.0191,
16.4144

■ 36.8519, 35.3510,
53.8544

■ 5.3971, 4.7536,
9.6603

■ 51.5281, 49.9214,
73.4555

■ 2.5192, 2.1034,
5.0717

■ 69.6602, 68.0291,
97.3147

■ 0.9050, 0.6666,
2.2299

■ 91.6133, 90.0585,
125.8505

■ 0.0000, 0.0000,
0.6916

117.7529,
116.3938, 159.4816

■ 0.0000, 0.0000,
0.0000

148.4444,

147.4196, 198.6263

184.0530,
183.5202, 243.7034

■ 16.4051, 15.2842,
25.7524

■ 16.4051, 15.2842,
25.7524

■ 13.9587, 12.1399,
25.2747

■ 19.2062, 18.9448,
26.3116

■ 11.8509, 9.4862,
24.8736

■ 22.3744, 23.1418,
26.9547

■ 10.0661, 7.2983,
24.5453

■ 25.9234, 27.8967,
27.6854

■ 8.5873, 5.5483,
24.2855

■ 29.8654, 33.2291,
28.5069

■ 7.3954, 4.2052,
24.0890

■ 34.2125, 39.1578,
29.4222

6.4693, 3.2338,
23.9504

38.9759, 45.7006,
30.4340

5.7830, 2.5902,
23.8623

44.1666, 52.8747,
31.5452

5.4504, 2.2882,
23.8215

49.7950, 60.6964,
32.7582

55.8712, 69.1816,
34.0758

Harmonies

Analogous

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



14.7235, 15.2842, 27.8584



16.4051, 15.2842, 25.7524



17.6544, 15.2842, 21.1963

Triad

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



16.4051, 15.2842, 25.7524



16.0408, 15.2842, 9.5892



11.4996, 15.2842, 17.2078

Complementary

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



16.4051, 15.2842, 25.7524



20.1973, 23.4032, 16.5502

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.



11.7929, 15.2842, 12.7916



16.4051, 15.2842, 25.7524



14.3326, 15.2842, 8.9308

Square

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



16.4051, 15.2842, 25.7524



17.4328, 15.2842, 11.9954



12.7983, 15.2842, 9.9819



11.9638, 15.2842, 22.3558

Rectangle

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



16.4051, 15.2842, 25.7524



18.0262, 15.2842, 17.7384



12.7983, 15.2842, 9.9819



11.5130, 15.2842, 15.5916

Sweetspot

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



16.4056, 15.2848, 25.7527



38.2557, 39.0315, 47.9007



17.8271, 19.9543, 26.5791



8.5200, 8.6741, 10.7316



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.4056, 15.2848, 25.7527



26.8689, 24.1329, 45.6251



18.7336, 16.4849, 25.8617



4.9079, 4.9610, 6.3047



5.0881, 2.1371, 22.1900



0.0473, 0.0211, 0.1480

Inverse Universe

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



19.0981, 16.7520, 22.3062



32.6245, 27.2723, 38.1080



17.9502, 22.2448, 16.4450



5.1704, 5.1036, 5.9857



11.5601, 5.7341, 10.7196



0.0833, 0.0407, 0.1055

Previews

White Background



This preview shows how the XYZ color 16.4051, 15.2842, 25.7524 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 16.4051, 15.2842, 25.7524 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 16.4051, 15.2842, 25.7524

Background



This preview shows how black text looks on a background with the XYZ color 16.4051, 15.2842, 25.7524.



This preview shows how white text looks on a background with the XYZ color 16.4051, 15.2842,

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

16.4051, 15.2842, 25.7524

Protanopia

15.4630, 15.3853, 26.9656

Deuteranopia

15.6455, 15.3571, 25.4322



Tritanopia

14.9454, 15.3011, 18.6887

Trichromacy



Original Color

16.4051, 15.2842, 25.7524

Protanomaly

15.8618, 15.4436, 26.5710

Deuteranomaly

15.9046, 15.3369, 25.4146

Tritanomaly

15.4513, 15.3501, 21.2173

Monochromacy



Original Color

16.4051, 15.2842, 25.7524

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4348, 15.5259, 19.9526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4051, 15.2842, 25.7524 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(114, 104, 137)` looks like.

```
.text, #text, p{  
    color:rgb(114, 104, 137)  
}
```

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(114, 104, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 104, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.4051, 15.2842, 25.7524 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(114, 104, 137) }
```


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

```
.border{ border-color:rgb(114, 104, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 104, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 104, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 104, 137);  
box-shadow:4px 4px 4px 4px rgb(114, 104,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4051, 15.2842, 25.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 104, 137) }
```

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

```
.background{ background-color: rgb(114,  
104, 137) }
```

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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