

Converting Colors

XYZ(14.4672, 16.2024, 25.8520)

Have a look what the booklet for
XYZ(14.4672, 16.2024, 25.8520)
contains.

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Color

**XYZ(14.5071, 16.2282,
26.0347)**

Conversions

Conversions Part 1

Format	Color
Hex	557489
RGB	85, 116, 137
RGB Percent	33%, 45%, 54%
CMY	0.6667, 0.5451, 0.4627
CMYK	0.38, 0.15, 0.00, 0.46
HSL	204°, 23%, 44%
HSV	204°, 38%, 54%
XYZ	14.5071, 16.2282, 26.0347
YIQ	109.1250, -25.2170, -0.0410

Conversions

Conversions Part 2

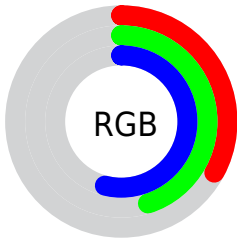
Format	Color
R_{YB}	85, 104, 137
Decimal	5600393
CIE _{Lab}	47.27, -5.52, -15.04
CIE _{LCh}	47, 16.024, 249.860
Yxy	16.2282, 0.2555, 0.2859
Android (android.graphics.Color)	4283790473 (0xFF557489)
YUV	109.1250, 13.7424, -21.1576
Hunter-Lab	40.2842, -6.2163, -10.1187

Details

The XYZ color **14.5071, 16.2282, 26.0347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1107, 16.2828, 10.8360**, and the grayscale version is **14.5391, 15.2962, 16.6576**.

A 20% lighter version of the original color is **33.6134, 37.0413, 54.0933**, and **4.5150, 5.1974, 9.7821** is the 20% darker color. If you saturate the color by 10%, you get **12.7629, 14.4106, 25.7761**, and if you desaturate by 10%, it is **16.5311, 18.2472, 26.3180**.

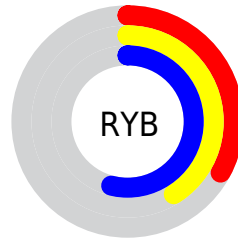
Distribution



Red (33%)

Green (45%)

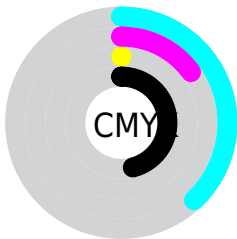
Blue (54%)



Red (33%)

Yellow (41%)

Blue (54%)

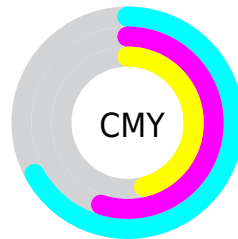


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (46%)



Cyan (67%)

Magenta (55%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5071, 16.2282, 26.0347 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 14.5071, 16.2282, 26.0347 by changing the saturation by 10% instead.

■ 14.5071, 16.2282,
26.0347

■ 14.5071, 16.2282,
26.0347

213.8112,
230.6845, 296.5633

■ 8.5583, 9.6858,
16.6236

■ 33.5649, 36.9939,
54.3157

■ 4.5090, 5.1911,
9.8074

■ 47.4046, 51.9860,
74.0227

■ 1.9939, 2.3598,
5.1675

■ 64.6053, 70.5634,
97.9987

■ 0.6305, 0.8051,
2.2854

■ 85.5324, 93.1106,
126.6623

■ 0.0000, 0.0000,
0.7230

■ 110.5511,
120.0119, 160.4320

■ 0.0000, 0.0000,
0.0000

140.0269,

151.6517, 199.7264

174.3252,
188.4145, 244.9640

■ 14.5071, 16.2282,
26.0347

■ 14.5071, 16.2282,
26.0347

■ 12.7629, 14.4106,
25.7761

■ 16.5311, 18.2472,
26.3180

■ 11.2825, 12.7841,
25.5402

■ 18.8470, 20.4735,
26.6257

■ 10.0502, 11.3399,
25.3264

■ 21.4677, 22.9154,
26.9589

■ 9.0480, 10.0678,
25.1336

■ 24.4050, 25.5796,
27.3183

■ 8.2554, 8.9560,
24.9608

■ 27.6701, 28.4728,
27.7047

■ 7.6289, 7.9811,
24.8057

■ 31.2736, 31.6014,
28.1186

■ 7.5082, 7.7917,
24.7755

■ 35.2254, 34.9714,
28.5608

■ 39.5353, 38.5885,
29.0318

■ 44.2125, 42.4584,
29.5323

Harmonies

Analogous

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



13.4301, 16.2282, 23.1448



14.5071, 16.2282, 26.0347



15.8947, 16.2282, 26.5051

Triad

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



14.5071, 16.2282, 26.0347



18.2611, 16.2282, 16.3696



13.7467, 16.2282, 12.3413

Complementary

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



14.5071, 16.2282, 26.0347



17.1107, 16.2828, 10.8360

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.



14.9635, 16.2282, 11.0549



14.5071, 16.2282, 26.0347



17.6070, 16.2282, 13.1343

Square

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



14.5071, 16.2282, 26.0347



18.1204, 16.2282, 20.4886



16.3796, 16.2282, 11.3211



13.0100, 16.2282, 15.1221

Rectangle

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



14.5071, 16.2282, 26.0347



16.8181, 16.2282, 25.3193



16.3796, 16.2282, 11.3211



14.1100, 16.2282, 11.7406

Sweetspot

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



14.5076, 16.2288, 26.0351



36.8394, 39.5555, 48.0765



15.2836, 20.8595, 16.8025



8.1411, 8.7590, 10.7679



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.



14.5076, 16.2288, 26.0351



23.1287, 26.0975, 46.2015



11.9353, 11.0842, 25.1776



5.0062, 5.3554, 6.3757



7.0057, 7.2817, 23.0820



0.0609, 0.0772, 0.1581

Inverse Universe

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



16.7179, 13.0769, 18.1666



27.8307, 20.0162, 29.3226



20.1808, 22.4230, 11.8594



5.1498, 5.0953, 5.8771



11.0230, 5.5193, 7.8912



0.0805, 0.0396, 0.0907

Previews

White Background



This preview shows how the XYZ color 14.5071, 16.2282, 26.0347 looks on a white background.

Color Contrast Check

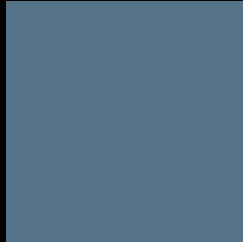
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5071, 16.2282, 26.0347 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

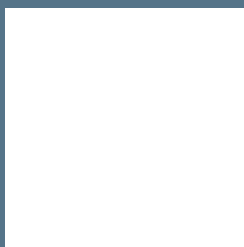
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5071, 16.2282, 26.0347

Background



This preview shows how black text looks on a background with the XYZ color 14.5071, 16.2282, 26.0347.



This preview shows how white text looks on a background with the XYZ color 14.5071, 16.2282,

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

14.5071, 16.2282, 26.0347

Protanopia

15.9815, 16.1881, 24.4726

Deuteranopia

16.3628, 16.0235, 26.2752



Tritanopia

13.7889, 16.2830, 22.4949

Trichromacy



Original Color

14.5071, 16.2282, 26.0347

Protanomaly

15.3538, 16.1841, 24.8689

Deuteranomaly

15.6371, 16.1326, 26.3345

Tritanomaly

14.0253, 16.2003, 23.8605

Monochromacy



Original Color

14.5071, 16.2282, 26.0347

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3795, 15.6296, 19.7117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5071, 16.2282, 26.0347 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(85, 116, 137) looks like.

```
.text, #text, p{  
    color:rgb(85, 116, 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(85, 116, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 116, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.5071, 16.2282, 26.0347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

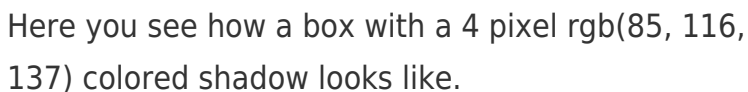
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 116, 137) }
```


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

```
.border{ border-color:rgb(85, 116, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(85, 116, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 116, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 116, 137); box-shadow:4px 4px 4px 4px rgb(85, 116, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5071, 16.2282, 26.0347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 116, 137) }
```

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

```
.background{ background-color: rgb(85, 116,  
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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