

Converting Colors

XYZ(16.1963, 16.7442, 26.2326)

Have a look what the booklet for
XYZ(16.1963, 16.7442, 26.2326)
contains.

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Color

**XYZ(16.1262, 16.7243,
26.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	677289
RGB	103, 114, 137
RGB Percent	40%, 45%, 54%
CMY	0.5961, 0.5529, 0.4627
CMYK	0.25, 0.17, 0.00, 0.46
HSL	221°, 14%, 47%
HSV	221°, 25%, 54%
XYZ	16.1262, 16.7243, 26.0451
YIQ	113.3330, -13.9390, 4.8210

Conversions

Conversions Part 2

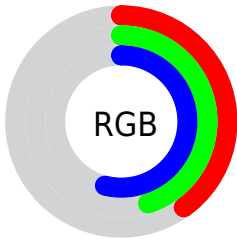
Format	Color
R_{YB}	103, 111, 137
Decimal	6779529
CIE Lab	47.91, 1.32, -13.96
CIE LCh	48, 14.023, 275.417
Yxy	16.7243, 0.2738, 0.2840
Android (android.graphics.Color)	4284969609 (0xFF677289)
YUV	113.3330, 11.6678, -9.0620
Hunter-Lab	40.8954, -1.1792, -9.1334

Details

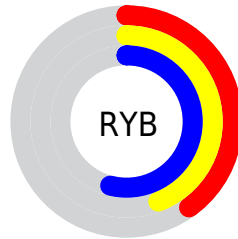
The XYZ color **16.1262, 16.7243, 26.0451** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2259, 21.2196, 15.8623**, and the grayscale version is **15.7647, 16.5857, 18.0618**.

A 20% lighter version of the original color is **36.4481, 37.9587, 54.1209**, and **5.2441, 5.3968, 9.7821** is the 20% darker color. If you saturate the color by 10%, you get **13.6889, 13.9942, 25.6469**, and if you desaturate by 10%, it is **18.9280, 19.8004, 26.4915**.

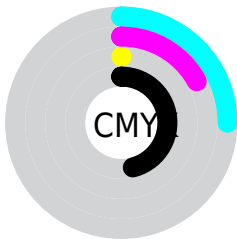
Distribution



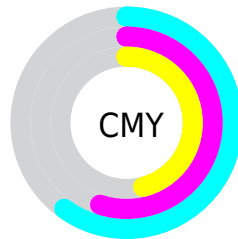
- Red (40%)
- Green (45%)
- Blue (54%)



- Red (40%)
- Yellow (44%)
- Blue (54%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (46%)



- Cyan (60%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1262, 16.7243, 26.0451 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 16.1262, 16.7243, 26.0451 by changing the saturation by 10% instead.

■ 16.1262, 16.7243,
26.0451

■ 16.1262, 16.7243,
26.0451

223.3410,
233.5786, 296.6159

■ 9.7049, 10.0381,
16.6313

■ 36.3728, 37.8511,
54.3327

■ 5.2645, 5.4242,
9.8128

■ 50.9289, 53.0606,
74.0435

■ 2.4396, 2.4983,
5.1710

■ 68.9273, 71.8799,
98.0238

■ 0.8649, 0.8758,
2.2875

■ 90.7333, 94.6935,
126.6921

■ 0.0000, 0.0000,
0.7242

116.7123,
121.8858, 160.4669

■ 0.0000, 0.0000,
0.0000

147.2297,

153.8411, 199.7668

182.6508,
190.9439, 245.0103

■ 16.1262, 16.7243,
26.0451

■ 16.1262, 16.7243,
26.0451

■ 13.6889, 13.9942,
25.6469

■ 18.9280, 19.8004,
26.4915

■ 11.5988, 11.5953,
25.2940

■ 22.1074, 23.2324,
26.9863

■ 9.8396, 9.5147,
24.9851

■ 25.6788, 27.0326,
27.5316

■ 8.3930, 7.7378,
24.7184

■ 29.6553, 31.2116,
28.1287

■ 7.2387, 6.2487,
24.4918

■ 34.0494, 35.7801,
28.7789

■ 6.3537, 5.0298,
24.3032

■ 38.8730, 40.7479,
29.4835

■ 5.7081, 4.0595,
24.1499

■ 44.1377, 46.1248,
30.2439

■ 5.4283, 3.6319,
24.0821

■ 49.8544, 51.9200,
31.0612

■ 56.0338, 58.1425,
31.9365

Harmonies

Analogous

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



14.9073, 16.7243, 25.2919



16.1262, 16.7243, 26.0451



17.3447, 16.7243, 24.4837

Triad

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



16.1262, 16.7243, 26.0451



17.9575, 16.7243, 14.4708



13.7891, 16.7243, 15.4681

Complementary

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



16.1262, 16.7243, 26.0451



20.2259, 21.2196, 15.8623

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.



14.5302, 16.7243, 13.1114



16.1262, 16.7243, 26.0451



16.9274, 16.7243, 12.5912

Square

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



16.1262, 16.7243, 26.0451



18.4372, 16.7243, 17.5615



15.6679, 16.7243, 12.1285



13.5996, 16.7243, 18.8741

Rectangle

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



16.1262, 16.7243, 26.0451



17.9795, 16.7243, 22.4480



15.6679, 16.7243, 12.1285



13.9799, 16.7243, 14.5419

Sweetspot

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



16.1267, 16.7250, 26.0455



38.1968, 40.1094, 48.1119



18.2840, 22.2730, 22.9619



8.5060, 8.9303, 10.7817



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.



16.1267, 16.7250, 26.0455



26.2505, 27.0189, 46.2148



15.6318, 14.7373, 25.6879



4.8982, 5.1394, 6.3397



5.0664, 3.4031, 22.4355



0.0459, 0.0470, 0.1531

Inverse Universe

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



18.2045, 16.2343, 18.0943



30.7056, 26.1401, 29.1271



20.8060, 23.7229, 16.3149



5.0952, 5.0735, 5.5900



10.0441, 5.1278, 2.7365



0.0729, 0.0365, 0.0506

Previews

White Background



This preview shows how the XYZ color 16.1262, 16.7243, 26.0451 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 16.1262, 16.7243, 26.0451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

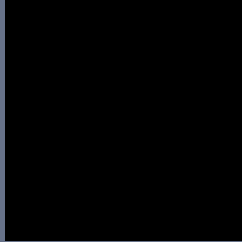
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

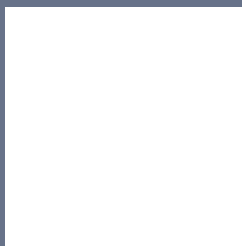
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1262, 16.7243, 26.0451

Background



This preview shows how black text looks on a background with the XYZ color 16.1262, 16.7243, 26.0451.

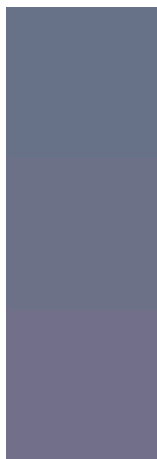


This preview shows how white text looks on a background with the XYZ color 16.1262, 16.7243,

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

16.1262, 16.7243, 26.0451

Protanopia

16.6557, 16.8390, 25.6650

Deuteranopia

17.0819, 16.7146, 26.3707



Tritanopia

15.3139, 16.7382, 21.8257

Trichromacy



Original Color

16.1262, 16.7243, 26.0451

Protanomaly

16.4125, 16.7136, 25.6536

Deuteranomaly

16.6883, 16.6745, 26.3837

Tritanomaly

15.5727, 16.6712, 23.1660

Monochromacy



Original Color

16.1262, 16.7243, 26.0451

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7247, 16.4666, 20.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1262, 16.7243, 26.0451 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(103, 114, 137)` looks like.

```
.text, #text, p{  
    color:rgb(103, 114, 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(103, 114, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 114, 137) }
```

Border

The CSS property to change the border of an element to XYZ 16.1262, 16.7243, 26.0451 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(103, 114, 137) }
```


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

```
.border{ border-color:rgb(103, 114, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 114, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 114, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 114, 137);  
box-shadow:4px 4px 4px 4px rgb(103, 114,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1262, 16.7243, 26.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 114, 137) }
```

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

```
.background{ background-color: rgb(103,  
114, 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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