

Converting Colors

XYZ(14.7405, 18.5709, 28.9538)

Have a look what the booklet for
XYZ(14.7405, 18.5709, 28.9538)
contains.

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Color

**XYZ(14.6637, 18.4456,
28.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	3E808F
RGB	62, 128, 143
RGB Percent	24%, 50%, 56%
CMY	0.7568, 0.4980, 0.4392
CMYK	0.57, 0.10, 0.00, 0.44
HSL	191°, 40%, 40%
HSV	191°, 57%, 56%
XYZ	14.6637, 18.4456, 28.7741
YIQ	109.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

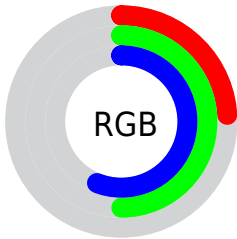
Format	Color
RYB	62, 98, 143
Decimal	4096143
CIELab	50.03, -16.45, -14.50
CIElCh	50, 21.929, 221.379
Yxy	18.4456, 0.2370, 0.2981
Android (android.graphics.Color)	4282286223 (0xFF3E808F)
YUV	109.9760, 16.2808, -42.0750
Hunter-Lab	42.9483, -14.2150, -9.6587

Details

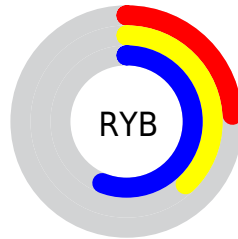
The XYZ color **14.6637, 18.4456, 28.7741** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8516, 11.4958, 5.9942**, and the grayscale version is **14.7785, 15.5482, 16.9320**.

A 20% lighter version of the original color is **33.9380, 40.8609, 58.9215**, and **4.7718, 6.3823, 11.3363** is the 20% darker color. If you saturate the color by 10%, you get **13.5415, 17.3614, 28.6243**, and if you desaturate by 10%, it is **16.0321, 19.6709, 28.9388**.

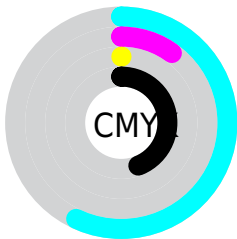
Distribution



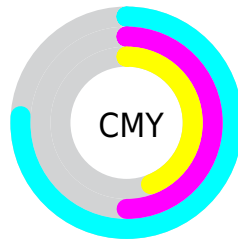
- Red (24%)
- Green (50%)
- Blue (56%)



- Red (24%)
- Yellow (38%)
- Blue (56%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (76%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6637, 18.4456, 28.7741 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 14.6637, 18.4456, 28.7741 by changing the saturation by 10% instead.

■ 14.6637, 18.4456,
28.7741

■ 14.6637, 18.4456,
28.7741

214.7505,
243.3708, 310.1751

■ 8.6685, 11.2704,
18.6659

■ 33.8386, 40.7952,
58.7559

■ 4.5810, 6.2490,
11.2547

■ 47.7491, 56.7383,
79.4665

■ 2.0358, 2.9971,
6.1221

■ 65.0286, 76.3729,
104.5484

■ 0.6539, 1.1302,
2.8495

■ 86.0426, 100.0832,
134.4200

■ 0.0000, 0.0036,
1.0183

■ 111.1565,
128.2538, 169.5000

■ 0.0000, 0.0000,
0.0000

140.7355,

161.2690, 210.2068

175.1451,
199.5132, 256.9590

■ 14.6637, 18.4456,
28.7741

■ 14.6637, 18.4456,
28.7741

■ 13.5415, 17.3614,
28.6243

■ 16.0321, 19.6709,
28.9388

■ 12.6447, 16.4062,
28.4872

■ 17.6619, 21.0441,
29.1180

■ 11.9520, 15.5695,
28.3622

■ 19.5691, 22.5738,
29.3127

■ 11.4272, 14.8324,
28.2476

■ 21.7678, 24.2676,
29.5238

■ 11.2635, 14.5942,
28.2102

■ 24.2714, 26.1322,
29.7517

■ 27.0921, 28.1743,
29.9972

■ 30.2417, 30.3998,
30.2608

■ 33.7312, 32.8146,
30.5430

■ 37.5712, 35.4242,
30.8443

Harmonies

Analogous

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



13.8518, 18.4456, 22.4620



14.6637, 18.4456, 28.7741



16.2696, 18.4456, 33.2118

Triad

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



14.6637, 18.4456, 28.7741



21.6594, 18.4456, 24.0225



16.7446, 18.4456, 10.7198

Complementary

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



14.6637, 18.4456, 28.7741



14.8516, 11.4958, 5.9942

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.



18.8580, 18.4456, 10.9714



14.6637, 18.4456, 28.7741



21.8123, 18.4456, 17.8803

Square

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



14.6637, 18.4456, 28.7741



20.3495, 18.4456, 30.1117



20.7519, 18.4456, 13.3478



14.9874, 18.4456, 12.5738

Rectangle

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



14.6637, 18.4456, 28.7741



17.6297, 18.4456, 34.0639



20.7519, 18.4456, 13.3478



17.4347, 18.4456, 10.5726

Sweetspot

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



14.6643, 18.4463, 28.7745



38.6814, 43.2309, 52.8437



13.1439, 21.2032, 10.3940



8.7042, 9.7872, 12.1026



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.6643, 18.4463, 28.7745



23.7620, 30.5901, 51.1901



10.4062, 9.9301, 27.3552



5.4765, 5.9489, 6.8884



9.9729, 12.9319, 24.9476



0.1096, 0.1521, 0.2433

Inverse Universe

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



16.9471, 10.8440, 21.6226



28.4643, 16.2785, 36.1558



18.5998, 18.9923, 7.2436



5.5840, 5.4941, 6.5734



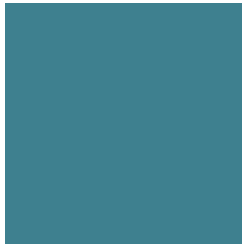
12.8370, 6.2918, 15.3248



0.1299, 0.0630, 0.1843

Previews

White Background



This preview shows how the XYZ color 14.6637, 18.4456, 28.7741 looks on a white 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

Black Background



This preview shows how the XYZ color 14.6637, 18.4456, 28.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

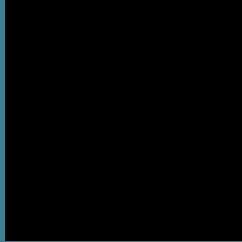
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6637, 18.4456, 28.7741

Background



This preview shows how black text looks on a background with the XYZ color 14.6637, 18.4456, 28.7741.



This preview shows how white text looks on a background with the XYZ color 14.6637, 18.4456,

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

14.6637, 18.4456, 28.7741

Protanopia

17.8755, 18.1450, 25.8527

Deuteranopia

18.6362, 18.2791, 29.7401



Tritanopia

14.3739, 18.5253, 27.2442

Trichromacy



Original Color

14.6637, 18.4456, 28.7741

Protanomaly

16.3214, 18.0256, 27.0452

Deuteranomaly

16.6512, 17.9641, 29.3779

Tritanomaly

14.5083, 18.5861, 27.6337

Monochromacy



Original Color

14.6637, 18.4456, 28.7741

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3883, 16.4549, 20.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6637, 18.4456, 28.7741 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(62, 128, 143)` looks like.

```
.text, #text, p{  
    color:rgb(62, 128, 143)  
}
```

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(62, 128, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 128, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.6637, 18.4456, 28.7741 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(62, 128, 143) }
```


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

```
.border{ border-color:rgb(62, 128, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 128, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 128, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 128, 143);  
box-shadow:4px 4px 4px 4px rgb(62, 128,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6637, 18.4456, 28.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 128, 143) }
```

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

```
.background{ background-color: rgb(62, 128,  
143) }
```

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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