

Converting Colors

XYZ(14.6446, 17.6167, 32.7666)

Have a look what the booklet for
XYZ(14.6446, 17.6167, 32.7666)
contains.

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Color

**XYZ(14.6448, 17.5851,
32.7594)**

Conversions

Conversions Part 1

Format	Color
Hex	397C99
RGB	57, 124, 153
RGB Percent	22%, 49%, 60%
CMY	0.7764, 0.5137, 0.4000
CMYK	0.63, 0.19, 0.00, 0.40
HSL	198°, 46%, 41%
HSV	198°, 63%, 60%
XYZ	14.6448, 17.5851, 32.7594
YIQ	107.2730, -49.2410, -5.1850

Conversions

Conversions Part 2

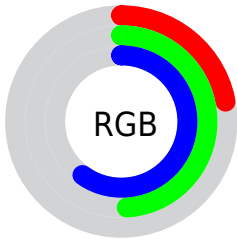
Format	Color
R_{YB}	57, 96, 153
Decimal	3767449
CIE _{Lab}	48.99, -12.07, -21.97
CIE _{LCh}	49, 25.065, 241.205
Yxy	17.5851, 0.2253, 0.2706
Android (android.graphics.Color)	4281957529 (0xFF397C99)
YUV	107.2730, 22.5434, -44.0894
Hunter-Lab	41.9346, -11.0481, -16.9633

Details

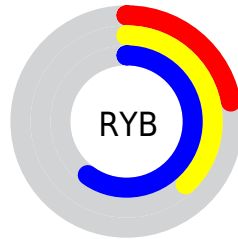
The XYZ color **14.6448, 17.5851, 32.7594** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **17.2038, 13.7241, 5.6139**, and the grayscale version is **14.0007, 14.7298, 16.0408**.

A 20% lighter version of the original color is **33.7947, 39.4600, 64.8669**, and **4.9144, 5.9915, 13.4678** is the 20% darker color. If you saturate the color by 10%, you get **13.3348, 16.0703, 32.5364**, and if you desaturate by 10%, it is **16.2460, 19.2910, 33.0046**.

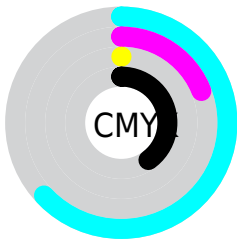
Distribution



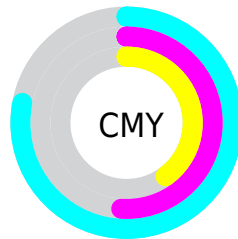
- Red (22%)
- Green (49%)
- Blue (60%)



- Red (22%)
- Yellow (38%)
- Blue (60%)



- Cyan (63%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (78%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6448, 17.5851, 32.7594 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 14.6448, 17.5851, 32.7594 by changing the saturation by 10% instead.

■ 14.6448, 17.5851,
32.7594

■ 14.6448, 17.5851,
32.7594

214.6374,
238.5219, 329.1629

■ 8.6552, 10.6525,
21.6726

■ 33.8056, 39.3291,
65.1114

■ 4.5723, 5.8337,
13.4205

■ 47.7075, 54.9092,
87.2136

■ 2.0307, 2.7442,
7.5846

■ 64.9776, 74.1407,
113.8248

■ 0.6511, 0.9997,
3.7464

■ 85.9811, 97.4080,
145.3634

■ 0.0000, 0.0000,
1.4873

■ 111.0835,
125.0953, 182.2479

■ 0.0000, 0.0000,
0.2084

140.6501,

■ 0.0000, 0.0000,

157.5872, 224.8970

0.0000

175.0463,
195.2679, 273.7292

■ 14.6448, 17.5851,
32.7594

■ 14.6448, 17.5851,
32.7594

■ 13.3348, 16.0703,
32.5364

■ 16.2460, 19.2910,
33.0046

■ 12.2894, 14.7313,
32.3330

■ 18.1583, 21.1979,
33.2719

■ 11.4799, 13.5531,
32.1483

■ 20.4021, 23.3170,
33.5627

■ 10.9848, 12.7698,
32.0232

■ 22.9951, 25.6580,
33.8778

■ 25.9539, 28.2299,
34.2183

■ 29.2939, 31.0414,
34.5850

■ 33.0298, 34.1002,
34.9785

■ 37.1752, 37.4140,
35.3996

■ 41.7432, 40.9900,
35.8491

Harmonies

Analogous

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



13.1628, 17.5851, 26.6058



14.6448, 17.5851, 32.7594



16.8086, 17.5851, 35.0810

Triad

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



14.6448, 17.5851, 32.7594



21.6130, 17.5851, 18.8783



14.4957, 17.5851, 10.1255

Complementary

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



14.6448, 17.5851, 32.7594



17.2038, 13.7241, 5.6139

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.



16.6199, 17.5851, 8.9595



14.6448, 17.5851, 32.7594



20.8528, 17.5851, 13.2317

Square

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



14.6448, 17.5851, 32.7594



20.9623, 17.5851, 26.0273



18.9697, 17.5851, 9.9499



13.0825, 17.5851, 13.6008

Rectangle

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



14.6448, 17.5851, 32.7594



18.3900, 17.5851, 33.7985



18.9697, 17.5851, 9.9499



15.1432, 17.5851, 9.4924

Sweetspot

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



14.6454, 17.5857, 32.7598



42.8903, 47.4536, 60.8709



14.7509, 24.3215, 12.6798



9.1743, 10.2179, 13.4062



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.6454, 17.5857, 32.7598



23.1277, 27.8472, 58.1281



10.0361, 8.3671, 31.2234



6.2270, 6.7114, 7.8962



9.1088, 10.6142, 26.4764



0.1676, 0.2216, 0.4063

Inverse Universe

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



18.2386, 11.1545, 20.2612



30.4746, 16.7138, 32.1203



22.3734, 24.0633, 7.3371



6.3817, 6.2918, 7.3901



13.0564, 6.4768, 12.0882



0.2111, 0.1032, 0.2643

Previews

White Background



This preview shows how the XYZ color 14.6448, 17.5851, 32.7594 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 14.6448, 17.5851, 32.7594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

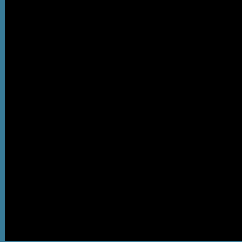
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6448, 17.5851, 32.7594

Background



This preview shows how black text looks on a background with the XYZ color 14.6448, 17.5851, 32.7594.

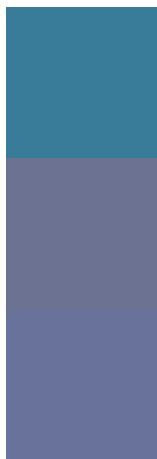


This preview shows how white text looks on a background with the XYZ color 14.6448, 17.5851,

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

14.6448, 17.5851, 32.7594

Protanopia

17.5034, 17.5249, 29.6543

Deuteranopia

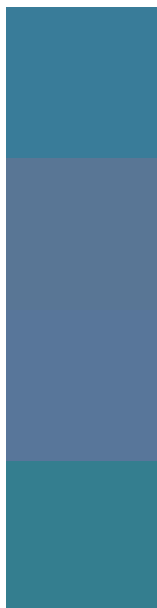
17.7594, 17.4044, 33.4337



Tritanopia

13.3714, 17.6379, 26.3666

Trichromacy



Original Color

14.6448, 17.5851, 32.7594

Protanomaly

16.0231, 17.2506, 30.9190

Deuteranomaly

16.3357, 17.3647, 33.0626

Tritanomaly

13.8350, 17.6349, 28.6613

Monochromacy



Original Color

14.6448, 17.5851, 32.7594

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6630, 15.3893, 21.3191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6448, 17.5851, 32.7594 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(57, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(57, 124, 153)  
}
```

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(57, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 124, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.6448, 17.5851, 32.7594 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(57, 124, 153) }
```


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

```
.border{ border-color:rgb(57, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(57, 124,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6448, 17.5851, 32.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 124, 153) }
```

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

```
.background{ background-color: rgb(57, 124,  
153) }
```

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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