

Converting Colors

XYZ(14.9663, 14.8024, 27.6595)

Have a look what the booklet for
XYZ(14.9663, 14.8024, 27.6595)
contains.

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Color

**XYZ(14.9663, 14.8024,
27.6595)**

Conversions

Conversions Part 1

Format	Color
Hex	616A8E
RGB	97, 106, 142
RGB Percent	38%, 42%, 56%
CMY	0.6196, 0.5843, 0.4431
CMYK	0.32, 0.25, 0.00, 0.44
HSL	228°, 19%, 47%
HSV	228°, 32%, 56%
XYZ	14.9663, 14.8024, 27.6595
YIQ	107.4130, -16.9200, 9.2880

Conversions

Conversions Part 2

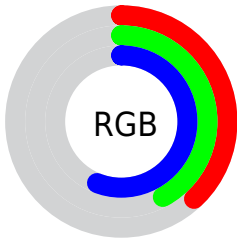
Format	Color
R_{YB}	97, 105, 142
Decimal	6384270
CIE Lab	45.36, 5.51, -20.87
CIE LCh	45, 21.582, 284.780
Yxy	14.8024, 0.2606, 0.2578
Android (android.graphics.Color)	4284574350 (0xFF616A8E)
YUV	107.4130, 17.0514, -9.1322
Hunter-Lab	38.4739, 2.1070, -15.6928

Details

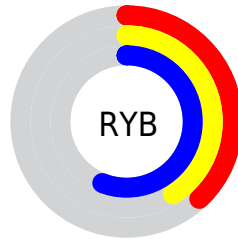
The XYZ color **14.9663, 14.8024, 27.6595** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.7009, 23.3894, 14.6807**, and the grayscale version is **14.0476, 14.7792, 16.0946**.

A 20% lighter version of the original color is **34.4152, 34.4890, 57.0677**, and **4.7147, 4.5290, 10.7509** is the 20% darker color. If you saturate the color by 10%, you get **12.4924, 11.9030, 27.2305**, and if you desaturate by 10%, it is **17.8672, 18.1528, 28.1536**.

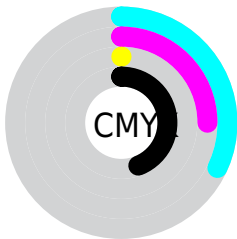
Distribution



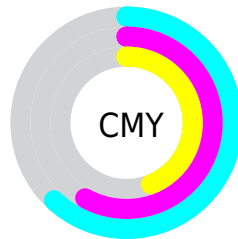
- Red (38%)
- Green (42%)
- Blue (56%)



- Red (38%)
- Yellow (41%)
- Blue (56%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (62%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9663, 14.8024, 27.6595 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 14.9663, 14.8024, 27.6595 by changing the saturation by 10% instead.

■ 14.9663, 14.8024,
27.6595

■ 14.9663, 14.8024,
27.6595

216.5546,
222.1671, 304.6969

■ 8.8819, 8.6808,
17.8323

■ 34.3662, 34.5062,
56.9569

■ 4.7207, 4.5336,
10.6615

■ 48.4124, 48.8571,
77.2642

■ 2.1174, 1.9763,
5.7284

■ 65.8432, 66.7200,
101.9020

■ 0.6987, 0.5936,
2.6145

■ 87.0241, 88.4792,
131.2888

■ 0.0000, 0.0000,
0.8999

112.3203,
114.5191, 165.8431

■ 0.0000, 0.0000,
0.0000

142.0972,

145.2241, 205.9836

176.7202,
180.9787, 252.1286

■ 14.9663, 14.8024,
27.6595

■ 14.9663, 14.8024,
27.6595

■ 12.4924, 11.9030,
27.2305

■ 17.8672, 18.1528,
28.1536

■ 10.4235, 9.4334,
26.8629

■ 21.2126, 21.9708,
28.7142

■ 8.7378, 7.3730,
26.5540

■ 25.0210, 26.2742,
29.3441

■ 7.4109, 5.6990,
26.3008

■ 29.3094, 31.0796,
30.0456

■ 6.4153, 4.3861,
26.0999

■ 34.0938, 36.4025,
30.8209

■ 5.7194, 3.4058,
25.9474

■ 39.3894, 42.2579,
31.6720

■ 5.3073, 2.8026,
25.8526

■ 45.2110, 48.6601,
32.6009

■ 51.5727, 55.6228,
33.6095

■ 58.4878, 63.1595,
34.6998

Harmonies

Analogous

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



13.1843, 14.8024, 27.6315



14.9663, 14.8024, 27.6595



16.6374, 14.8024, 24.1814

Triad

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



14.9663, 14.8024, 27.6595



16.6582, 14.8024, 10.1200



11.0007, 14.8024, 13.6641

Complementary

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



14.9663, 14.8024, 27.6595



21.7009, 23.3894, 14.6807

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.



11.7800, 14.8024, 10.0808



14.9663, 14.8024, 27.6595



14.9929, 14.8024, 8.3501

Square

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



14.9663, 14.8024, 27.6595



17.6690, 14.8024, 13.7296



13.2088, 14.8024, 8.3375



10.9949, 14.8024, 18.7669

Rectangle

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



14.9663, 14.8024, 27.6595



17.4207, 14.8024, 20.6960



13.2088, 14.8024, 8.3375



11.1778, 14.8024, 12.2692

Sweetspot

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



14.9668, 14.8030, 27.6598



38.3484, 39.8122, 50.7912



18.8368, 23.5812, 25.7495



8.3902, 8.6936, 11.3153



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.9668, 14.8030, 27.6598



23.2186, 22.3924, 48.2263



15.6505, 13.8502, 27.4399



5.2115, 5.4189, 6.8000



4.7763, 2.5387, 23.2154



0.0585, 0.0500, 0.2262

Inverse Universe

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



18.0320, 15.3413, 15.6469



29.5520, 23.6906, 23.3631



20.8085, 24.8375, 15.0073



5.4503, 5.4406, 5.8690



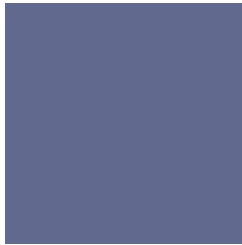
10.2140, 5.2426, 1.5122



0.1041, 0.0527, 0.0486

Previews

White Background



This preview shows how the XYZ color 14.9663, 14.8024, 27.6595 looks on a white background.

Color Contrast Check

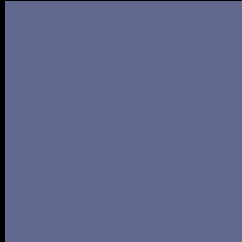
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9663, 14.8024, 27.6595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

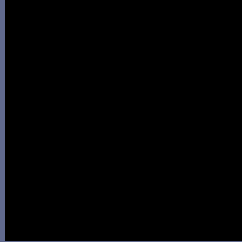
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9663, 14.8024, 27.6595

Background



This preview shows how black text looks on a background with the XYZ color 14.9663, 14.8024, 27.6595.



This preview shows how white text looks on a background with the XYZ color 14.9663, 14.8024,

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

14.9663, 14.8024, 27.6595

Protanopia

14.9663, 14.8024, 27.6595

Deuteranopia

15.1821, 14.9137, 27.6696



Tritanopia

13.3193, 14.7591, 19.5995

Trichromacy



Original Color

14.9663, 14.8024, 27.6595

Protanomaly

14.9663, 14.8024, 27.6595

Deuteranomaly

15.0735, 14.8577, 27.6646

Tritanomaly

13.9155, 14.8493, 22.2114

Monochromacy



Original Color

14.9663, 14.8024, 27.6595

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2414, 14.7550, 19.8667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9663, 14.8024, 27.6595 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(97, 106, 142) looks like.

```
.text, #text, p{  
    color:rgb(97, 106, 142)  
}
```

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(97, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 106, 142) }
```

Border

The CSS property to change the border of an element to XYZ 14.9663, 14.8024, 27.6595 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(97, 106, 142) }
```


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

```
.border{ border-color:rgb(97, 106, 142) }
```

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

Here you see how a box with a 4 pixel rgb(97, 106, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(97, 106,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9663, 14.8024, 27.6595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 106, 142) }
```

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

```
.background{ background-color: rgb(97, 106,  
142) }
```

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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