

Converting Colors

XYZ(16.9445, 19.0253, 24.8249)

Have a look what the booklet for
XYZ(16.9445, 19.0253, 24.8249)
contains.

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Color

**XYZ(16.9208, 18.9335,
24.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	667C85
RGB	102, 124, 133
RGB Percent	40%, 49%, 52%
CMY	0.6000, 0.5137, 0.4784
CMYK	0.23, 0.07, 0.00, 0.48
HSL	197°, 13%, 46%
HSV	197°, 23%, 52%
XYZ	16.9208, 18.9335, 24.9530
YIQ	118.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

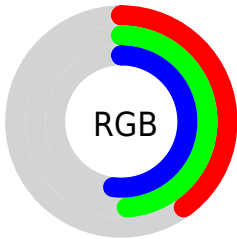
Format	Color
R_{YB}	102, 115, 133
Decimal	6716549
CIE Lab	50.61, -5.83, -7.55
CIE LCh	51, 9.540, 232.296
Yxy	18.9335, 0.2783, 0.3114
Android (android.graphics.Color)	4284906629 (0xFF667C85)
YUV	118.4480, 7.1741, -14.4249
Hunter-Lab	43.5126, -6.7337, -3.5419

Details

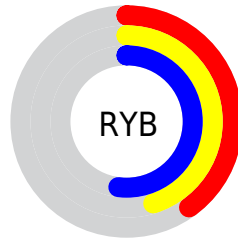
The XYZ color **16.9208, 18.9335, 24.9530** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7559, 17.3150, 14.9772**, and the grayscale version is **17.3427, 18.2458, 19.8697**.

A 20% lighter version of the original color is **37.9115, 41.8595, 52.5359**, and **5.6376, 6.4565, 9.3366** is the 20% darker color. If you saturate the color by 10%, you get **15.0585, 17.2696, 24.7303**, and if you desaturate by 10%, it is **19.0451, 20.7615, 25.1942**.

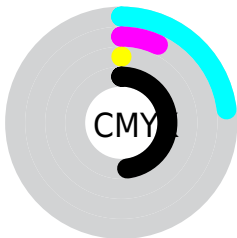
Distribution



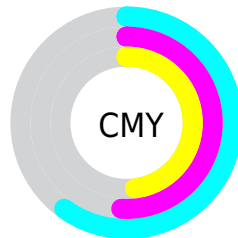
- Red (40%)
- Green (49%)
- Blue (52%)



- Red (40%)
- Yellow (45%)
- Blue (52%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9208, 18.9335, 24.9530 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 16.9208, 18.9335, 24.9530 by changing the saturation by 10% instead.

■ 16.9208, 18.9335,
24.9530

■ 16.9208, 18.9335,
24.9530

227.8807,
246.0814, 291.0440

■ 10.2730, 11.6222,
15.8233

■ 37.7342, 41.6217,
52.5441

■ 5.6440, 6.4870,
9.2462

■ 52.6306, 57.7674,
71.8427

■ 2.6684, 3.1434,
4.8031

■ 71.0071, 77.6268,
95.3680

■ 0.9809, 1.2071,
2.0755

■ 93.2293, 101.5841,
123.5385

■ 0.0000, 0.0675,
0.6011

119.6623,
130.0238, 156.7728

■ 0.0000, 0.0000,
0.0000

150.6717,

163.3304, 195.4895

186.6227,
201.8881, 240.1070

■ 16.9208, 18.9335,
24.9530

■ 16.9208, 18.9335,
24.9530

■ 15.0585, 17.2696,
24.7303

■ 19.0451, 20.7615,
25.1942

■ 13.4447, 15.7612,
24.5242

■ 21.4405, 22.7573,
25.4532

■ 12.0673, 14.4021,
24.3345

■ 24.1181, 24.9272,
25.7309

■ 10.9125, 13.1850,
24.1604

■ 27.0874, 27.2766,
26.0279

■ 9.9649, 12.1014,
24.0012

■ 30.3579, 29.8106,
26.3446

■ 9.2069, 11.1422,
23.8560

■ 33.9383, 32.5340,
26.6816

■ 8.6177, 10.2960,
23.7237

■ 37.8370, 35.4515,
27.0392

■ 8.2714, 9.7689,
23.6402

■ 42.0624, 38.5676,
27.4180

■ 46.6221, 41.8865,
27.8182

Harmonies

Analogous

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



16.3865, 18.9335, 22.6266



16.9208, 18.9335, 24.9530



17.7563, 18.9335, 26.1370

Triad

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



16.9208, 18.9335, 24.9530



19.8325, 18.9335, 21.3117



17.3237, 18.9335, 16.2180

Complementary

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



16.9208, 18.9335, 24.9530



17.7559, 17.3150, 14.9772

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.



18.2373, 18.9335, 15.9319



16.9208, 18.9335, 24.9530



19.7070, 18.9335, 18.7270

Square

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



16.9208, 18.9335, 24.9530



19.4526, 18.9335, 23.9196



19.1152, 18.9335, 16.8120



16.6134, 18.9335, 17.6304

Rectangle

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



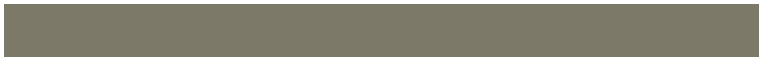
16.9208, 18.9335, 24.9530



18.3805, 18.9335, 26.0533



19.1152, 18.9335, 16.8120



17.6164, 18.9335, 15.9922

Sweetspot

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



16.9214, 18.9343, 24.9534



36.6840, 39.3401, 45.3984



16.7248, 20.7432, 18.0993



8.2203, 8.8262, 10.2231



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



16.9214, 18.9343, 24.9534



28.4677, 32.2829, 44.4692



15.1521, 15.3957, 24.3637



4.6905, 5.0566, 5.9296



7.8857, 9.3191, 22.5198



0.0336, 0.0449, 0.0801

Inverse Universe

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



18.0628, 15.9451, 21.1952



30.9212, 26.0725, 36.3431



19.5687, 20.9405, 15.5815



4.8018, 4.7404, 5.5686



11.1584, 5.5277, 10.6726



0.0418, 0.0204, 0.0537

Previews

White Background



This preview shows how the XYZ color 16.9208, 18.9335, 24.9530 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 16.9208, 18.9335, 24.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

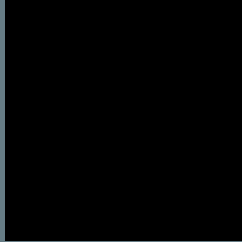
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

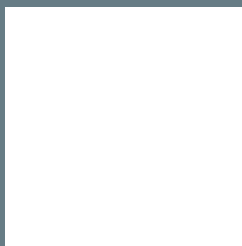
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9208, 18.9335, 24.9530

Background



This preview shows how black text looks on a background with the XYZ color 16.9208, 18.9335, 24.9530.



This preview shows how white text looks on a background with the XYZ color 16.9208, 18.9335,

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

16.9208, 18.9335, 24.9530

Protanopia

18.2338, 18.7273, 23.7728

Deuteranopia

19.1218, 18.8038, 25.1759



Tritanopia

16.9902, 18.9613, 25.3187

Trichromacy



Original Color

16.9208, 18.9335, 24.9530

Protanomaly

17.7442, 18.8241, 24.1709

Deuteranomaly

18.3557, 18.9361, 25.2418

Tritanomaly

16.9902, 18.9613, 25.3187

Monochromacy



Original Color

16.9208, 18.9335, 24.9530

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.9737, 18.3077, 21.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9208, 18.9335, 24.9530 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(102, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(102, 124, 133)  
}
```

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(102, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 124, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.9208, 18.9335, 24.9530 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(102, 124, 133) }
```


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

```
.border{ border-color:rgb(102, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(102, 124,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9208, 18.9335, 24.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 124, 133) }
```

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

```
.background{ background-color: rgb(102,  
124, 133) }
```

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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