

Converting Colors

XYZ(16.0358, 18.8108, 24.9300)

Have a look what the booklet for
XYZ(16.0358, 18.8108, 24.9300)
contains.

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Color

**XYZ(16.1081, 18.8905,
24.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7E85
RGB	92, 126, 133
RGB Percent	36%, 49%, 52%
CMY	0.6392, 0.5059, 0.4784
CMYK	0.31, 0.05, 0.00, 0.48
HSL	190°, 18%, 44%
HSV	190°, 31%, 52%
XYZ	16.1081, 18.8905, 24.9875
YIQ	116.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

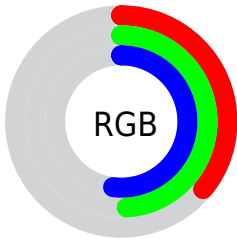
Format	Color
R_{YB}	92, 111, 133
Decimal	6061701
CIE _{Lab}	50.56, -10.19, -7.69
CIE _{LCh}	51, 12.770, 217.034
Yxy	18.8905, 0.2685, 0.3149
Android (android.graphics.Color)	4284251781 (0xFF5C7E85)
YUV	116.6320, 8.0694, -21.6023
Hunter-Lab	43.4632, -9.9059, -3.6623




Details

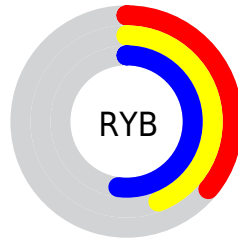
The XYZ color **16.1081, 18.8905, 24.9875** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0666, 14.6829, 12.1128**, and the grayscale version is **16.7761, 17.6497, 19.2206**.




A 20% lighter version of the original color is **36.3107, 41.6250, 52.5750**, and **5.2928, 6.4833, 9.3599** is the 20% darker color. If you saturate the color by 10%, you get **14.6075, 17.6913, 24.8354**, and if you desaturate by 10%, it is **17.8497, 20.2246, 25.1535**.

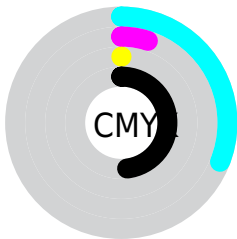
Distribution







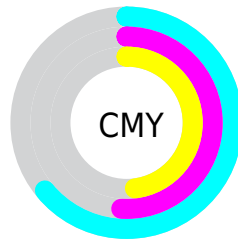
-  Red (36%)
-  Green (49%)
-  Blue (52%)






-  Red (36%)
-  Yellow (44%)
-  Blue (52%)



-  Cyan (31%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (64%)
-  Magenta (51%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1081, 18.8905, 24.9875 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 16.1081, 18.8905, 24.9875 by changing the saturation by 10% instead.

■ 16.1081, 18.8905,
24.9875

■ 16.1081, 18.8905,
24.9875

223.2366,
245.8436, 291.2214

■ 9.6920, 11.5912,
15.8488

■ 36.3417, 41.5490,
52.6008

■ 5.2559, 6.4660,
9.2640

■ 50.8899, 57.6769,
71.9125

■ 2.4345, 3.1304,
4.8146

■ 68.8796, 77.5166,
95.4523

■ 0.8623, 1.2002,
2.0821

■ 90.6760, 101.4523,
123.6387

■ 0.0000, 0.0619,
0.6051

116.6446,
129.8684, 156.8903

■ 0.0000, 0.0000,
0.0000

147.1506,

163.1494, 195.6255

182.5595,
201.6797, 240.2631

■ 16.1081, 18.8905,
24.9875

■ 16.1081, 18.8905,
24.9875

■ 14.6075, 17.6913,
24.8354

■ 17.8497, 20.2246,
25.1535

■ 13.3340, 16.6184,
24.6955

■ 19.8419, 21.6974,
25.3328

■ 12.2748, 15.6657,
24.5674

■ 22.0960, 23.3150,
25.5262

■ 11.4151, 14.8254,
24.4505

■ 24.6219, 25.0828,
25.7343

■ 10.7382, 14.0888,
24.3440

■ 27.4292, 27.0056,
25.9575

■ 10.2245, 13.4459,
24.2470

■ 30.5267, 29.0881,
26.1962

■ 9.8420, 12.9100,
24.1637

■ 33.9231, 31.3349,
26.4509

■ 37.6266, 33.7502,
26.7219

■ 41.6452, 36.3382,
27.0096

Harmonies

Analogous

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



15.6789, 18.8905, 21.4209



16.1081, 18.8905, 24.9875



17.0355, 18.8905, 27.5607

Triad

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



16.1081, 18.8905, 24.9875



20.2541, 18.8905, 23.3658



17.6629, 18.8905, 14.4786

Complementary

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



16.1081, 18.8905, 24.9875



16.0666, 14.6829, 12.1128

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.



18.9067, 18.8905, 14.8719



16.1081, 18.8905, 24.9875



20.4411, 18.8905, 19.7391

Square

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



16.1081, 18.8905, 24.9875



19.4379, 18.8905, 26.5513



19.9376, 18.8905, 16.7039



16.5492, 18.8905, 15.5596

Rectangle

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



16.1081, 18.8905, 24.9875



17.8311, 18.8905, 28.2161



19.9376, 18.8905, 16.7039



18.0792, 18.8905, 14.4450

Sweetspot

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



16.1087, 18.8913, 24.9879



36.1548, 39.3071, 45.4199



15.0456, 19.9483, 14.8204



8.0360, 8.7762, 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.



16.1087, 18.8913, 24.9879



26.9177, 32.2984, 44.5539



13.7673, 14.2086, 24.2075



4.7358, 5.1473, 5.9447



9.3796, 12.3070, 23.0178



0.0369, 0.0515, 0.0812

Inverse Universe

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



17.2663, 14.1476, 21.5603



29.3782, 22.5435, 37.1950



18.2415, 19.0327, 12.8378



4.8247, 4.7496, 5.6891



11.9125, 5.8293, 14.6434



0.0435, 0.0211, 0.0625

Previews

White Background



This preview shows how the XYZ color 16.1081, 18.8905, 24.9875 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 16.1081, 18.8905, 24.9875 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

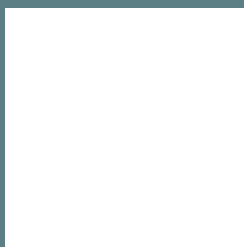
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1081, 18.8905, 24.9875

Background



This preview shows how black text looks on a background with the XYZ color 16.1081, 18.8905, 24.9875.



This preview shows how white text looks on a background with the XYZ color 16.1081, 18.8905,

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

16.1081, 18.8905, 24.9875

Protanopia

18.3050, 18.7717, 23.4274

Deuteranopia

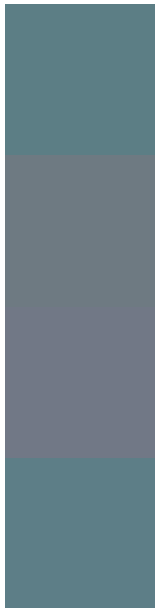
19.1919, 18.8318, 25.5451



Tritanopia

16.4190, 19.0264, 26.0996

Trichromacy



Original Color

16.1081, 18.8905, 24.9875

Protanomaly

17.4192, 18.8458, 23.8386

Deuteranomaly

17.8296, 18.6649, 25.2172

Tritanomaly

16.3482, 18.9981, 25.7270

Monochromacy



Original Color

16.1081, 18.8905, 24.9875

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4760, 18.0511, 21.3547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1081, 18.8905, 24.9875 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(92, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 126, 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(92, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 16.1081, 18.8905, 24.9875 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(92, 126, 133) }
```


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

```
.border{ border-color:rgb(92, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1081, 18.8905, 24.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 126, 133) }
```

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

```
.background{ background-color: rgb(92, 126,  
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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