

Converting Colors

XYZ(15.4088, 16.4136, 21.0951)

Have a look what the booklet for
XYZ(15.4088, 16.4136, 21.0951)
contains.

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Color

**XYZ(15.4182, 16.4679,
21.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	69727B
RGB	105, 114, 123
RGB Percent	41%, 45%, 48%
CMY	0.5882, 0.5529, 0.5176
CMYK	0.15, 0.07, 0.00, 0.52
HSL	210°, 8%, 45%
HSV	210°, 15%, 48%
XYZ	15.4182, 16.4679, 21.1049
YIQ	112.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

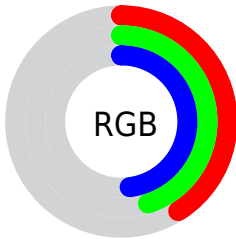
Format	Color
R_{YB}	105, 111, 123
Decimal	6910587
CIE _{Lab}	47.58, -1.37, -6.12
CIE _{LCh}	48, 6.273, 257.358
Yxy	16.4679, 0.2910, 0.3108
Android (android.graphics.Color)	4285100667 (0xFF69727B)
YUV	112.3350, 5.2578, -6.4328
Hunter-Lab	40.5807, -3.1969, -2.4287

Details

The XYZ color **15.4182, 16.4679, 21.1049** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7358, 17.2657, 15.8156**, and the grayscale version is **15.4867, 16.2932, 17.7433**.

A 20% lighter version of the original color is **35.0844, 37.4355, 45.9341**, and **4.9292, 5.2904, 7.2399** is the 20% darker color. If you saturate the color by 10%, you get **13.4063, 14.4358, 20.8190**, and if you desaturate by 10%, it is **17.6867, 18.7024, 21.4169**.

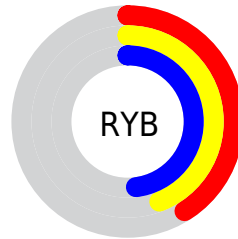
Distribution



Red (41%)

Green (45%)

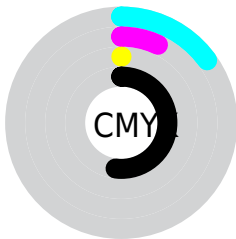
Blue (48%)



Red (41%)

Yellow (44%)

Blue (48%)

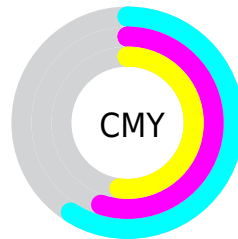


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (59%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4182, 16.4679, 21.1049 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 15.4182, 16.4679, 21.1049 by changing the saturation by 10% instead.

■ 15.4182, 16.4679,
21.1049

■ 15.4182, 16.4679,
21.1049

219.2222,
232.0871, 270.6348

■ 9.2016, 9.8559,
13.0087

■ 35.1508, 37.4086,
46.1451

■ 4.9311, 5.3035,
7.3037

■ 49.3976, 52.5061,
63.9262

■ 2.2412, 2.4264,
3.5715

■ 67.0519, 71.2008,
85.7727

■ 0.7643, 0.8394,
1.3933

■ 88.4789, 93.8772,
112.1031

■ 0.0000, 0.0000,
0.1365

114.0441,
120.9196, 143.3360

■ 0.0000, 0.0000,
0.0000

144.1128,

152.7124, 179.8899

179.0504,
189.6402, 222.1833

■ 15.4182, 16.4679,
21.1049

■ 15.4182, 16.4679,
21.1049

■ 13.4063, 14.4358,
20.8190

■ 17.6867, 18.7024,
21.4169

■ 11.6398, 12.5976,
20.5573

■ 20.2196, 21.1433,
21.7545

■ 10.1085, 10.9473,
20.3194

■ 23.0262, 23.7972,
22.1189

■ 8.8012, 9.4774,
20.1046

■ 26.1150, 26.6696,
22.5105

■ 7.7054, 8.1802,
19.9120

■ 29.4937, 29.7658,
22.9300

■ 6.8076, 7.0471,
19.7406

■ 33.1703, 33.0909,
23.3781

■ 6.0923, 6.0684,
19.5894

■ 37.1520, 36.6500,
23.8552

■ 5.5371, 5.2311,
19.4570

■ 41.4459, 40.4478,
24.3619

■ 5.2711, 4.8219,
19.3921

■ 46.0590, 44.4890,
24.8988

Harmonies

Analogous

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



14.9354, 16.4679, 20.2915



15.4182, 16.4679, 21.1049



15.9751, 16.4679, 21.0319

Triad

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



15.4182, 16.4679, 21.1049



16.7006, 16.4679, 17.0281



14.8749, 16.4679, 15.9254

Complementary

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



15.4182, 16.4679, 21.1049



16.7358, 17.2657, 15.8156

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.



15.3338, 16.4679, 15.1505



15.4182, 16.4679, 21.1049



16.3916, 16.4679, 15.7606

Square

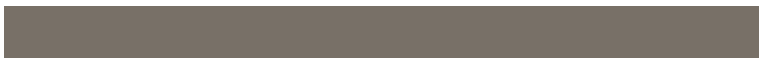
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.4182, 16.4679, 21.1049



16.7245, 16.4679, 18.6129



15.8886, 16.4679, 15.0920



14.6268, 16.4679, 17.2655

Rectangle

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



15.4182, 16.4679, 21.1049



16.3135, 16.4679, 20.4903



15.8886, 16.4679, 15.0920



15.0091, 16.4679, 15.5938

Sweetspot

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



15.4187, 16.4686, 21.1053



31.9024, 33.7151, 38.3828



15.9293, 18.3776, 18.5383



7.4471, 7.8757, 9.0307



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.4187, 16.4686, 21.1053



26.1849, 28.0622, 37.5931



14.4835, 14.5982, 20.7935



3.9478, 4.1938, 5.0446



5.4474, 4.9772, 20.0589



25.1334, 22.0394, 95.3991

Inverse Universe

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



16.2577, 15.5295, 18.0609



28.0459, 26.0523, 30.8233



17.7643, 19.3228, 16.1585



4.0741, 4.0454, 4.5878



9.3329, 4.7093, 5.0441



44.0893, 22.2921, 21.7981

Previews

White Background



This preview shows how the XYZ color 15.4182, 16.4679, 21.1049 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 15.4182, 16.4679, 21.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

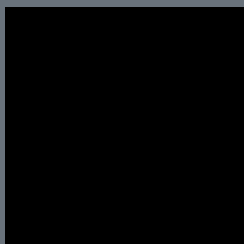
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

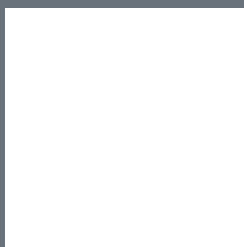
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4182, 16.4679, 21.1049

Background



This preview shows how black text looks on a background with the XYZ color 15.4182, 16.4679, 21.1049.



This preview shows how white text looks on a background with the XYZ color 15.4182, 16.4679,

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

15.4182, 16.4679, 21.1049

Protanopia

15.9891, 16.4382, 20.7425

Deuteranopia

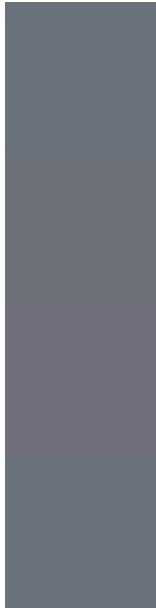
16.8218, 16.5290, 21.3726



Tritanopia

15.4182, 16.4679, 21.1049

Trichromacy



Original Color

15.4182, 16.4679, 21.1049

Protanomaly

15.7247, 16.4666, 20.7619

Deuteranomaly

16.2620, 16.4015, 21.3775

Tritanomaly

15.4182, 16.4679, 21.1049

Monochromacy



Original Color

15.4182, 16.4679, 21.1049

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3642, 16.3224, 18.8638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4182, 16.4679, 21.1049 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(105, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 114, 123)  
}
```

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(105, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 114, 123) }
```

Border

The CSS property to change the border of an element to XYZ 15.4182, 16.4679, 21.1049 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(105, 114, 123) }
```


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

```
.border{ border-color:rgb(105, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(105, 114,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4182, 16.4679, 21.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 114, 123) }
```

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

```
.background{ background-color: rgb(105,  
114, 123) }
```

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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