

Converting Colors

XYZ(15.1388, 15.2686, 21.2831)

Have a look what the booklet for
XYZ(15.1388, 15.2686, 21.2831)
contains.

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Color

**XYZ(15.1850, 15.3685,
21.2349)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6C7C
RGB	108, 108, 124
RGB Percent	42%, 42%, 49%
CMY	0.5765, 0.5765, 0.5137
CMYK	0.13, 0.13, 0.00, 0.51
HSL	240°, 7%, 45%
HSV	240°, 13%, 49%
XYZ	15.1850, 15.3685, 21.2349
YIQ	109.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

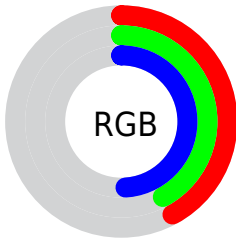
Format	Color
R_{YB}	108, 108, 124
Decimal	7105660
CIE Lab	46.13, 3.49, -8.85
CIE LCh	46, 9.515, 291.486
Yxy	15.3685, 0.2932, 0.2968
Android (android.graphics.Color)	4285295740 (0xFF6C6C7C)
YUV	109.8240, 6.9888, -1.5996
Hunter-Lab	39.2027, 0.5366, -4.6737

Details

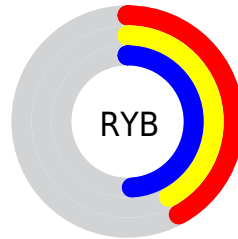
The XYZ color **15.1850, 15.3685, 21.2349** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2267, 19.7831, 17.0456**, and the grayscale version is **14.7526, 15.5209, 16.9023**.

A 20% lighter version of the original color is **34.8312, 35.4442, 46.6006**, and **4.8022, 4.8061, 7.3312** is the 20% darker color. If you saturate the color by 10%, you get **12.5669, 12.2140, 20.7643**, and if you desaturate by 10%, it is **18.2045, 19.0068, 21.7783**.

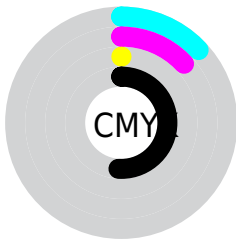
Distribution



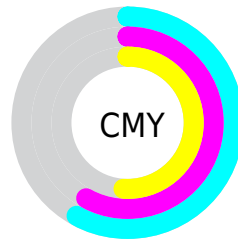
- Red (42%)
- Green (42%)
- Blue (49%)



- Red (42%)
- Yellow (42%)
- Blue (49%)



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (51%)



- Cyan (58%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1850, 15.3685, 21.2349 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 15.1850, 15.3685, 21.2349 by changing the saturation by 10% instead.

■ 15.1850, 15.3685,
21.2349

■ 15.1850, 15.3685,
21.2349

217.8495,
225.5859, 271.3462

■ 9.0365, 9.0784,
13.1029

■ 34.7464, 35.4984,
46.3640

■ 4.8223, 4.7924,
7.3679

■ 48.8900, 50.1069,
64.1982

■ 2.1771, 2.1260,
3.6113

■ 66.4293, 68.2571,
86.1035

■ 0.7306, 0.6792,
1.4146

■ 87.7297, 90.3333,
112.4985

■ 0.0000, 0.0000,
0.1531

113.1566,
116.7198, 143.8017

■ 0.0000, 0.0000,
0.0000

143.0753,

147.8012, 180.4317

177.8511,
183.9618, 222.8070

■ 15.1850, 15.3685,
21.2349

■ 15.1850, 15.3685,
21.2349

■ 12.5669, 12.2140,
20.7643

■ 18.2045, 19.0068,
21.7783

■ 10.3321, 9.5213,
20.3623

■ 21.6399, 23.1462,
22.3962

■ 8.4630, 7.2691,
20.0261

■ 25.5067, 27.8052,
23.0917

■ 6.9401, 5.4341,
19.7522

■ 29.8189, 33.0010,
23.8673

■ 5.7422, 3.9907,
19.5367

■ 34.5903, 38.7501,
24.7255

■ 4.8456, 2.9104,
19.3754

■ 39.8339, 45.0680,
25.6686

■ 4.2237, 2.1609,
19.2636

■ 45.5620, 51.9697,
26.6988

■ 3.8439, 1.7033,
19.1952

■ 51.7868, 59.4698,
27.8184

■ 3.6383, 1.4555,
19.1582

■ 58.5197, 67.5823,
29.0294

Harmonies

Analogous

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



14.3780, 15.3685, 21.5420



15.1850, 15.3685, 21.2349



15.8597, 15.3685, 19.6665

Triad

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



15.1850, 15.3685, 21.2349



15.5984, 15.3685, 13.4817



13.1211, 15.3685, 16.0822

Complementary

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



15.1850, 15.3685, 21.2349



18.2267, 19.7831, 17.0456

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.



13.4227, 15.3685, 14.1079



15.1850, 15.3685, 21.2349



14.8390, 15.3685, 12.7001

Square

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



15.1850, 15.3685, 21.2349



16.1044, 15.3685, 15.1531



14.0444, 15.3685, 12.9182



13.2060, 15.3685, 18.4205

Rectangle

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



15.1850, 15.3685, 21.2349



16.1339, 15.3685, 18.1898



14.0444, 15.3685, 12.9182



13.1802, 15.3685, 15.3575

Sweetspot

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



15.1855, 15.3691, 21.2352



31.3640, 32.6383, 38.2034



17.0135, 19.0523, 21.7615



7.3009, 7.5835, 8.9820



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.



15.1855, 15.3691, 21.2352



25.5280, 25.6064, 37.1537



16.1680, 15.8755, 21.2812



3.7977, 3.8936, 4.9946



3.6986, 1.4796, 19.4760



17.6423, 7.0573, 92.9021

Inverse Universe

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



16.3819, 16.0933, 16.4310



27.9931, 27.0985, 27.2549



17.1527, 19.2296, 16.9953



3.9983, 4.0151, 4.1888



8.4502, 4.3562, 0.3958



40.3082, 20.7796, 1.8870

Previews

White Background



This preview shows how the XYZ color 15.1850, 15.3685, 21.2349 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 15.1850, 15.3685, 21.2349 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

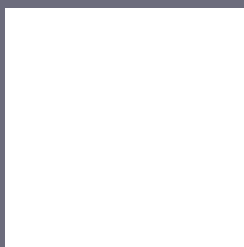
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1850, 15.3685, 21.2349

Background



This preview shows how black text looks on a background with the XYZ color 15.1850, 15.3685, 21.2349.



This preview shows how white text looks on a background with the XYZ color 15.1850, 15.3685,

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

15.1850, 15.3685, 21.2349

Protanopia

15.0641, 15.3062, 21.2292

Deuteranopia

15.6022, 15.2740, 21.1946



Tritanopia

14.8021, 15.3711, 19.3263

Trichromacy



Original Color

15.1850, 15.3685, 21.2349

Protanomaly

15.0641, 15.3062, 21.2292

Deuteranomaly

15.4513, 15.3501, 21.2173

Tritanomaly

14.9222, 15.4191, 19.9590

Monochromacy



Original Color

15.1850, 15.3685, 21.2349

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8698, 15.4263, 18.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1850, 15.3685, 21.2349 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(108, 108, 124)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 124)  
}
```

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(108, 108, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.1850, 15.3685, 21.2349 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(108, 108, 124) }
```


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

```
.border{ border-color:rgb(108, 108, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 124);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1850, 15.3685, 21.2349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 124) }
```

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

```
.background{ background-color: rgb(108,  
108, 124) }
```

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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