

Converting Colors

XYZ(15.0831, 14.5960, 51.7063)

Have a look what the booklet for
XYZ(15.0831, 14.5960, 51.7063)
contains.

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Color

**XYZ(15.1455, 14.6693,
51.9024)**

Conversions

Conversions Part 1

Format	Color
Hex	136CC0
RGB	19, 108, 192
RGB Percent	7%, 42%, 75%
CMY	0.9254, 0.5765, 0.2471
CMYK	0.90, 0.44, 0.00, 0.25
HSL	209°, 82%, 41%
HSV	209°, 90%, 75%
XYZ	15.1455, 14.6693, 51.9024
YIQ	90.9650, -80.0080, 7.2560

Conversions

Conversions Part 2

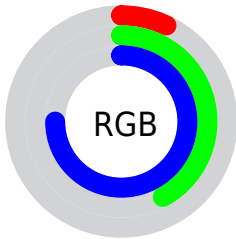
Format	Color
R_{YB}	19, 78, 192
Decimal	1273024
CIE Lab	45.18, 7.37, -50.75
CIE LCh	45, 51.287, 278.267
Yxy	14.6693, 0.1853, 0.1795
Android (android.graphics.Color)	4279463104 (0xFF136CC0)
YUV	90.9650, 49.8103, -63.1133
Hunter-Lab	38.3005, 3.5599, -53.5356

Details

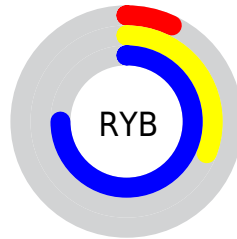
The XYZ color **15.1455, 14.6693, 51.9024** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.7087, 20.9588, 3.2549**, and the grayscale version is **9.8413, 10.3538, 11.2753**.

A 20% lighter version of the original color is **34.7525, 34.3452, 94.4202**, and **6.3101, 5.2802, 24.7314** is the 20% darker color. If you saturate the color by 10%, you get **13.9539, 12.6845, 51.5825**, and if you desaturate by 10%, it is **16.7212, 17.0204, 52.2735**.

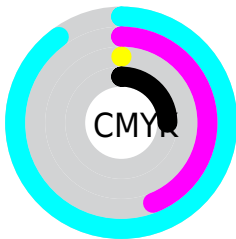
Distribution



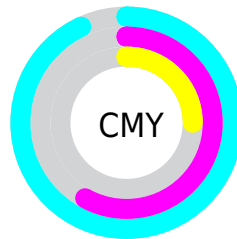
- Red (7%)
- Green (42%)
- Blue (75%)



- Red (7%)
- Yellow (31%)
- Blue (75%)



- Cyan (90%)
- Magenta (44%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (58%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1455, 14.6693, 51.9024 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 15.1455, 14.6693, 51.9024 by changing the saturation by 10% instead.

■ 15.1455, 14.6693,
51.9024

■ 15.1455, 14.6693,
51.9024

217.6162,
221.3558, 411.0059

■ 9.0085, 8.5876,
36.5456

■ 34.6778, 34.2720,
94.4124

■ 4.8039, 4.4732,
24.5628

■ 48.8038, 48.5618,
122.4027

■ 2.1662, 1.9416,
15.5356

■ 66.3236, 66.3564,
155.4411

■ 0.7249, 0.5732,
9.0454

■ 87.6025, 88.0402,
193.9464

■ 0.0000, 0.0000,
4.6736

■ 113.0059,
113.9977, 238.3370

■ 0.0000, 0.0000,
2.0017

■ 142.8990,

■ 0.0000, 0.0000,

144.6132, 289.0314

0.5563

177.6473,
180.2711, 346.4482

■ 0.0000, 0.0000,
0.0000

■ 15.1455, 14.6693,
51.9024

■ 15.1455, 14.6693,
51.9024

■ 13.9539, 12.6845,
51.5825

■ 16.7212, 17.0204,
52.2735

■ 18.7701, 19.7762,
52.6974

■ 21.3450, 22.9684,
53.1779

■ 24.4905, 26.6244,
53.7178

■ 28.2460, 30.7685,
54.3197

■ 32.6471, 35.4232,
54.9862

■ 37.7264, 40.6092,
55.7195

■ 43.5143, 46.3458,
56.5217

■ 50.0392, 52.6512,
57.3949

Harmonies

Analogous

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



11.1422, 14.6693, 48.8618



15.1455, 14.6693, 51.9024



19.6123, 14.6693, 42.1366

Triad

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



15.1455, 14.6693, 51.9024



21.3549, 14.6693, 5.4519



7.6689, 14.6693, 8.8054

Complementary

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



15.1455, 14.6693, 51.9024



26.7087, 20.9588, 3.2549

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.



9.4869, 14.6693, 3.7745



15.1455, 14.6693, 51.9024



17.1772, 14.6693, 2.6333

Square

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



15.1455, 14.6693, 51.9024



23.6423, 14.6693, 12.8510



12.8054, 14.6693, 2.2307



7.3422, 14.6693, 19.5621

Rectangle

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



15.1455, 14.6693, 51.9024



22.0694, 14.6693, 31.6274



12.8054, 14.6693, 2.2307



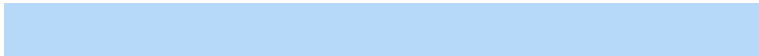
8.1051, 14.6693, 6.5849

Sweetspot

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



15.1461, 14.6697, 51.9028



61.4795, 66.5879, 99.9727



21.5484, 38.8101, 19.0900



12.5478, 13.6212, 21.3531



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



15.1461, 14.6697, 51.9028



25.0301, 22.4768, 93.3795



10.0686, 4.5147, 50.2103



9.9471, 10.5856, 12.8038



9.4677, 8.6919, 34.7353



0.4779, 0.5132, 1.5237

Inverse Universe

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



24.6785, 12.7558, 15.3489



43.3208, 21.8784, 22.5504



40.0791, 47.6995, 7.7117



10.2846, 10.1625, 11.5893



16.1748, 8.1597, 8.8326



0.7336, 0.3664, 0.5645

Previews

White Background



This preview shows how the XYZ color 15.1455, 14.6693, 51.9024 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 15.1455, 14.6693, 51.9024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

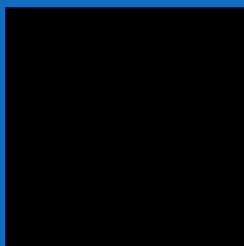
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1455, 14.6693, 51.9024

Background



This preview shows how black text looks on a background with the XYZ color 15.1455, 14.6693, 51.9024.



This preview shows how white text looks on a background with the XYZ color 15.1455, 14.6693,

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

15.1455, 14.6693, 51.9024

Protanopia

16.4113, 14.7604, 49.5610

Deuteranopia

14.9896, 14.5890, 51.8951



Tritanopia

10.2443, 14.4632, 21.9904

Trichromacy



Original Color

15.1455, 14.6693, 51.9024

Protanomaly

15.5523, 14.4554, 50.1146

Deuteranomaly

15.0430, 14.6165, 51.8976

Tritanomaly

11.6100, 14.2818, 30.9989

Monochromacy



Original Color

15.1455, 14.6693, 51.9024

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.3509, 11.2317, 22.0445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1455, 14.6693, 51.9024 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(19, 108, 192)` looks like.

```
.text, #text, p{  
    color:rgb(19, 108, 192)  
}
```

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(19, 108, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 108, 192) }
```

Border

The CSS property to change the border of an element to XYZ 15.1455, 14.6693, 51.9024 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(19, 108, 192) }
```


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

```
.border{ border-color:rgb(19, 108, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 108, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 108, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 108, 192);  
box-shadow:4px 4px 4px 4px rgb(19, 108,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1455, 14.6693, 51.9024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 108, 192) }
```

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

```
.background{ background-color: rgb(19, 108,  
192) }
```

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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