

Converting Colors

XYZ(15.1038, 17.6146, 42.1391)

Have a look what the booklet for
XYZ(15.1038, 17.6146, 42.1391)
contains.

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Color

**XYZ(15.1038, 17.6146,
42.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	177CAD
RGB	23, 124, 173
RGB Percent	9%, 49%, 68%
CMY	0.9097, 0.5137, 0.3216
CMYK	0.87, 0.28, 0.00, 0.32
HSL	200°, 77%, 38%
HSV	200°, 87%, 68%
XYZ	15.1038, 17.6146, 42.1391
YIQ	99.3870, -75.9250, -6.1730

Conversions

Conversions Part 2

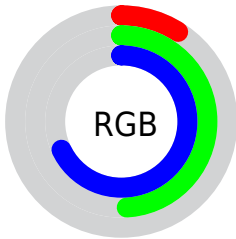
Format	Color
R_{YB}	23, 83, 173
Decimal	1539245
CIE _{Lab}	49.03, -9.46, -33.64
CIE _{LCh}	49, 34.941, 254.295
Yxy	17.6146, 0.2018, 0.2353
Android (android.graphics.Color)	4279729325 (0xFF177CAD)
YUV	99.3870, 36.2912, -66.9914
Hunter-Lab	41.9698, -9.2096, -30.1504

Details

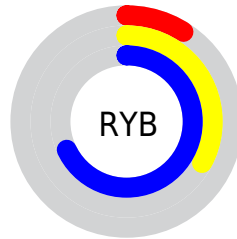
The XYZ color **15.1038, 17.6146, 42.1391** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **19.7069, 13.5828, 2.3945**, and the grayscale version is **11.8836, 12.5025, 13.6152**.

A 20% lighter version of the original color is **34.5980, 39.2492, 79.8811**, and **5.9062, 6.3882, 18.6911** is the 20% darker color. If you saturate the color by 10%, you get **14.1341, 16.0934, 41.8970**, and if you desaturate by 10%, it is **16.3669, 19.3478, 42.4074**.

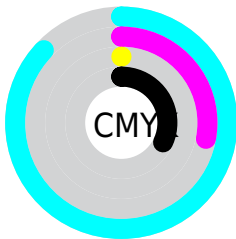
Distribution



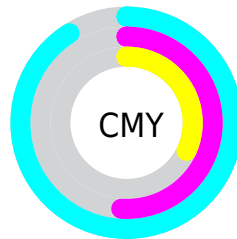
- Red (9%)
- Green (49%)
- Blue (68%)



- Red (9%)
- Yellow (33%)
- Blue (68%)



- Cyan (87%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1038, 17.6146, 42.1391 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 15.1038, 17.6146, 42.1391 by changing the saturation by 10% instead.

■ 15.1038, 17.6146,
42.1391

■ 15.1038, 17.6146,
42.1391

■ 217.3696,
238.6897, 370.8759

■ 8.9791, 10.6736,
28.8838

■ 34.6053, 39.3795,
79.6825

■ 4.7845, 5.8478,
18.7481

■ 48.7128, 54.9723,
104.8077

■ 2.1548, 2.7528,
11.3135

■ 66.2120, 74.2177,
134.7266

■ 0.7188, 1.0041,
6.1613

■ 87.4681, 97.5003,
169.8577

■ 0.0000, 0.0000,
2.8730

■ 112.8466,
125.2044, 210.6197

■ 0.0000, 0.0000,
1.0302

■ 142.7127,

■ 0.0000, 0.0000,

157.7144, 257.4310

0.0000

177.4319,
195.4147, 310.7103

■ 15.1038, 17.6146,
42.1391

■ 15.1038, 17.6146,
42.1391

■ 14.1341, 16.0934,
41.8970

■ 16.3669, 19.3478,
42.4074

■ 13.8441, 15.6195,
41.8208

■ 17.9722, 21.3184,
42.7032

■ 19.9565, 23.5467,
43.0287

■ 22.3511, 26.0496,
43.3856

■ 25.1838, 28.8423,
43.7754

■ 28.4798, 31.9389,
44.1993

■ 32.2623, 35.3521,
44.6588

■ 36.5530, 39.0939,
45.1549

■ 41.3720, 43.1756,
45.6887

Harmonies

Analogous

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



12.6485, 17.6146, 34.6254



15.1038, 17.6146, 42.1391



18.3362, 17.6146, 42.3325

Triad

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



15.1038, 17.6146, 42.1391



23.5722, 17.6146, 15.0837



12.7392, 17.6146, 8.9945

Complementary

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



15.1038, 17.6146, 42.1391



19.7069, 13.5828, 2.3945

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.



15.2433, 17.6146, 6.5220



15.1038, 17.6146, 42.1391



21.6356, 17.6146, 9.1843

Square

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



15.1038, 17.6146, 42.1391



23.5221, 17.6146, 24.4544



18.4949, 17.6146, 6.5779



11.4090, 17.6146, 14.7232

Rectangle

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



15.1038, 17.6146, 42.1391



20.5237, 17.6146, 38.1358



18.4949, 17.6146, 6.5779



13.4562, 17.6146, 7.8517

Sweetspot

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



15.1044, 17.6152, 42.1395



51.1591, 57.3418, 79.1775



16.4191, 30.5185, 10.9045



10.6681, 12.0453, 17.1504



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



15.1044, 17.6152, 42.1395



24.5900, 27.5658, 74.8305



9.0592, 5.5248, 40.1245



8.0125, 8.6243, 10.1951



10.2241, 11.5821, 30.7412



0.3314, 0.4162, 0.8709

Inverse Universe

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



21.1786, 10.9530, 20.0672



36.4578, 18.1486, 30.8980



27.5911, 29.3512, 5.0226



8.2241, 8.1029, 9.4909



15.0243, 7.4723, 13.0393



0.4417, 0.2174, 0.4877

Previews

White Background



This preview shows how the XYZ color 15.1038, 17.6146, 42.1391 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 15.1038, 17.6146, 42.1391 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

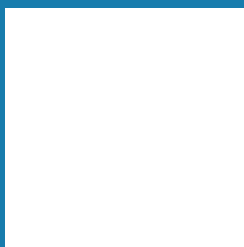
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1038, 17.6146, 42.1391

Background



This preview shows how black text looks on a background with the XYZ color 15.1038, 17.6146, 42.1391.

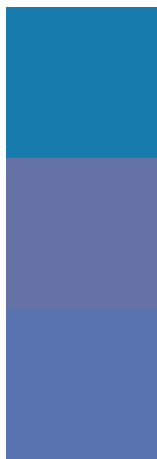


This preview shows how white text looks on a background with the XYZ color 15.1038, 17.6146,

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

15.1038, 17.6146, 42.1391

Protanopia

18.0644, 17.4606, 38.0154

Deuteranopia

17.8931, 17.4313, 42.9790



Tritanopia

12.5105, 17.5646, 27.1570

Trichromacy



Original Color

15.1038, 17.6146, 42.1391

Protanomaly

16.2188, 17.1617, 39.5035

Deuteranomaly

16.2328, 17.1028, 42.4900

Tritanomaly

13.2754, 17.4647, 31.9495

Monochromacy



Original Color

15.1038, 17.6146, 42.1391

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.7270, 13.5711, 21.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1038, 17.6146, 42.1391 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(23, 124, 173)` looks like.

```
.text, #text, p{  
    color:rgb(23, 124, 173)  
}
```

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(23, 124, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 124, 173) }
```

Border

The CSS property to change the border of an element to XYZ 15.1038, 17.6146, 42.1391 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(23, 124, 173) }
```


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

```
.border{ border-color:rgb(23, 124, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 124, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 124, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 124, 173);  
box-shadow:4px 4px 4px 4px rgb(23, 124,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1038, 17.6146, 42.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 124, 173) }
```

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

```
.background{ background-color: rgb(23, 124,  
173) }
```

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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