

Converting Colors

XYZ(15.1994, 18.7391, 28.0152)

Have a look what the booklet for
XYZ(15.1994, 18.7391, 28.0152)
contains.

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Color

**XYZ(15.1994, 18.7391,
28.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	48808D
RGB	72, 128, 141
RGB Percent	28%, 50%, 55%
CMY	0.7176, 0.4980, 0.4471
CMYK	0.49, 0.09, 0.00, 0.45
HSL	191°, 32%, 42%
HSV	191°, 49%, 55%
XYZ	15.1994, 18.7391, 28.0152
YIQ	112.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

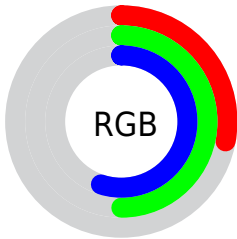
Format	Color
R_{YB}	72, 103, 141
Decimal	4751501
CIE _{Lab}	50.38, -14.73, -12.76
CIE _{LCh}	50, 19.486, 220.895
Yxy	18.7391, 0.2453, 0.3025
Android (android.graphics.Color)	4282941581 (0xFF48808D)
YUV	112.7380, 13.9332, -35.7272
Hunter-Lab	43.2887, -13.0808, -8.0687

Details

The XYZ color **15.1994, 18.7391, 28.0152** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4032, 12.6282, 7.7572**, and the grayscale version is **15.5870, 16.3988, 17.8583**.

A 20% lighter version of the original color is **34.8316, 41.3479, 57.7749**, and **4.8503, 6.4329, 10.8836** is the 20% darker color. If you saturate the color by 10%, you get **13.9245, 17.5746, 27.8580**, and if you desaturate by 10%, it is **16.7256, 20.0475, 28.1876**.

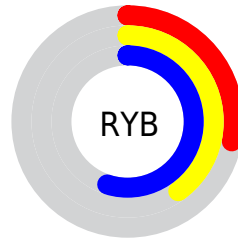
Distribution



Red (28%)

Green (50%)

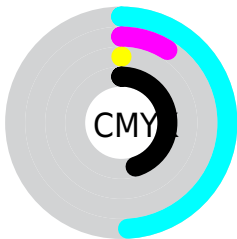
Blue (55%)



Red (28%)

Yellow (40%)

Blue (55%)

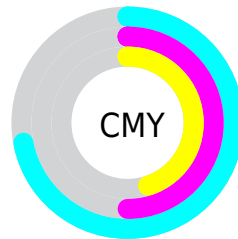


Cyan (49%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1994, 18.7391, 28.0152 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 15.1994, 18.7391, 28.0152 by changing the saturation by 10% instead.

■ 15.1994, 18.7391,
28.0152

■ 15.1994, 18.7391,
28.0152

217.9345,
245.0046, 306.4538

■ 9.0467, 11.4819,
18.0980

■ 34.7714, 41.2928,
57.5321

■ 4.8290, 6.3920,
10.8502

■ 48.9214, 57.3580,
77.9689

■ 2.1810, 3.0849,
5.8533

■ 66.4678, 77.1281,
102.7492

■ 0.7327, 1.1762,
2.6887

■ 87.7761, 100.9874,
132.2917

■ 0.0000, 0.0421,
0.9377

■ 113.2116,
129.3203, 167.0149

■ 0.0000, 0.0000,
0.0000

143.1395,

162.5112, 207.3372

177.9254,
200.9445, 253.6773

■ 15.1994, 18.7391,
28.0152

■ 15.1994, 18.7391,
28.0152

■ 13.9245, 17.5746,
27.8580

■ 16.7256, 20.0475,
28.1876

■ 12.8825, 16.5431,
27.7138

■ 18.5166, 21.5055,
28.3747

■ 12.0550, 15.6355,
27.5822

■ 20.5870, 23.1212,
28.5774

■ 11.4200, 14.8402,
27.4622

■ 22.9496, 24.9013,
28.7965

■ 10.9254, 14.1304,
27.3512

■ 25.6167, 26.8523,
29.0325

■ 10.8744, 14.0564,
27.3396

■ 28.5996, 28.9800,
29.2860

■ 31.9092, 31.2902,
29.5574

■ 35.5559, 33.7883,
29.8474

■ 39.5493, 36.4794,
30.1564

Harmonies

Analogous

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



14.4712, 18.7391, 22.4375



15.1994, 18.7391, 28.0152



16.6463, 18.7391, 31.9206

Triad

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



15.1994, 18.7391, 28.0152



21.4755, 18.7391, 24.0084



17.1320, 18.7391, 11.7855

Complementary

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



15.1994, 18.7391, 28.0152



15.4032, 12.6282, 7.7572

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.



19.0287, 18.7391, 12.0554



15.1994, 18.7391, 28.0152



21.6286, 18.7391, 18.4967

Square

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



15.1994, 18.7391, 28.0152



20.3011, 18.7391, 29.3390



20.7057, 18.7391, 14.3132



15.5333, 18.7391, 13.4962

Rectangle

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



15.1994, 18.7391, 28.0152



17.8678, 18.7391, 32.6987



20.7057, 18.7391, 14.3132



17.7542, 18.7391, 11.6566

Sweetspot

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



15.2000, 18.7398, 28.0156



38.3342, 42.5226, 51.3151



13.8237, 21.0782, 11.8622



8.3927, 9.3690, 11.4455



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.2000, 18.7398, 28.0156



24.6644, 31.2135, 49.8527



11.4702, 11.2803, 26.7724



5.4751, 5.9460, 6.8879



9.9261, 12.8381, 24.9319



0.1093, 0.1515, 0.2432

Inverse Universe

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



17.1987, 11.8566, 21.8048



28.8344, 17.8619, 36.6685



18.7694, 19.3605, 8.8793



5.5833, 5.4938, 6.5696



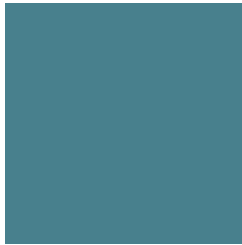
12.8133, 6.2823, 15.2002



0.1298, 0.0630, 0.1836

Previews

White Background



This preview shows how the XYZ color 15.1994, 18.7391, 28.0152 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 15.1994, 18.7391, 28.0152 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 15.1994, 18.7391, 28.0152

Background



This preview shows how black text looks on a background with the XYZ color 15.1994, 18.7391, 28.0152.



This preview shows how white text looks on a background with the XYZ color 15.1994, 18.7391,

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

15.1994, 18.7391, 28.0152

Protanopia

18.1877, 18.4880, 25.5316

Deuteranopia

18.9270, 18.6277, 28.5845



Tritanopia

14.9779, 18.6420, 27.2349

Trichromacy



Original Color

15.1994, 18.7391, 28.0152

Protanomaly

16.8417, 18.4919, 26.3486

Deuteranomaly

17.1993, 18.4525, 28.2464

Tritanomaly

15.0513, 18.6714, 27.6216

Monochromacy



Original Color

15.1994, 18.7391, 28.0152

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0906, 16.9836, 21.2217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1994, 18.7391, 28.0152 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(72, 128, 141)` looks like.

```
.text, #text, p{  
    color:rgb(72, 128, 141)  
}
```

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(72, 128, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 128, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.1994, 18.7391, 28.0152 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(72, 128, 141) }
```


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

```
.border{ border-color:rgb(72, 128, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 128, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 128, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 128, 141);  
box-shadow:4px 4px 4px 4px rgb(72, 128,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1994, 18.7391, 28.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 128, 141) }
```

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

```
.background{ background-color: rgb(72, 128,  
141) }
```

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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