

Converting Colors

XYZ(10.3927, 15.3136, 10.7842)

Have a look what the booklet for
XYZ(10.3927, 15.3136, 10.7842)
contains.

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Color

**XYZ(10.4242, 15.3390,
10.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7954
RGB	62, 121, 84
RGB Percent	24%, 47%, 33%
CMY	0.7569, 0.5255, 0.6706
CMYK	0.49, 0.00, 0.31, 0.53
HSL	142°, 32%, 36%
HSV	142°, 49%, 47%
XYZ	10.4242, 15.3390, 10.7988
YIQ	99.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

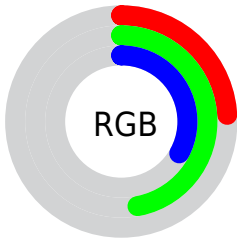
Format	Color
RYB	62, 105, 121
Decimal	4094292
CIELab	46.10, -28.32, 14.48
CIElCh	46, 31.806, 152.911
Yxy	15.3390, 0.2851, 0.4195
Android (android.graphics.Color)	4282284372 (0xFF3E7954)
YUV	99.1410, -7.4645, -32.5727
Hunter-Lab	39.1650, -21.0291, 11.0678

Details

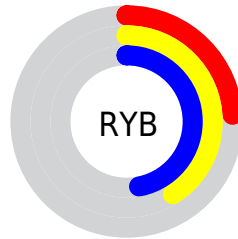
The XYZ color **10.4242, 15.3390, 10.7988** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.8604, 8.4113, 12.8033**, and the grayscale version is **11.9180, 12.5387, 13.6546**.

A 20% lighter version of the original color is **26.2492, 35.5040, 28.0237**, and **2.7587, 4.8199, 2.7044** is the 20% darker color. If you saturate the color by 10%, you get **9.4671, 14.8785, 9.2858**, and if you desaturate by 10%, it is **11.5834, 15.9008, 12.4900**.

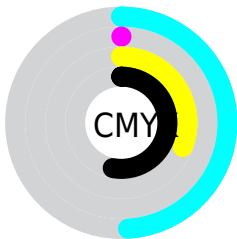
Distribution



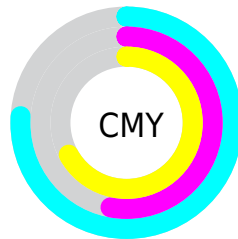
- Red (24%)
- Green (47%)
- Blue (33%)



- Red (24%)
- Yellow (41%)
- Blue (47%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (53%)



- Cyan (76%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4242, 15.3390, 10.7988 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 10.4242, 15.3390, 10.7988 by changing the saturation by 10% instead.

■ 10.4242, 15.3390,
10.7988

■ 10.4242, 15.3390,
10.7988

187.6645,
225.4090, 206.9696

■ 5.7455, 9.0576,
5.8192

■ 26.2329, 35.4468,
27.9185

■ 2.7301, 4.7788,
2.6685

■ 38.0936, 50.0420,
40.8956

■ 1.0127, 2.1181,
0.9275

■ 53.0790, 68.1774,
57.3758

■ 0.0000, 0.6748,
0.0000

■ 71.5545, 90.2372,
77.7774

■ 0.0000, 0.0000,
0.0000

■ 93.8855, 116.6058,
102.5190

■ 120.4372,

147.6678, 132.0193

151.5751,
183.8074, 166.6966

■ 10.4242, 15.3390,
10.7988

■ 10.4242, 15.3390,
10.7988

■ 9.4671, 14.8785,
9.2858

■ 11.5834, 15.9008,
12.4900

■ 8.6984, 14.5111,
7.9442

■ 12.9546, 16.5676,
14.3641

■ 8.1047, 14.2305,
6.7679


■ 14.5488, 17.3455,
16.4267


■ 7.6702, 14.0286,
5.7503


■ 16.3757, 18.2392,
18.6830


■ 7.3508, 13.8828,
4.8831


■ 18.4443, 19.2534,
21.1379

 7.3136, 13.8657,
4.7856

 20.7633, 20.3925,
23.7963

 23.3409, 21.6605,
26.6626

 26.1850, 23.0615,
29.7413

 29.3029, 24.5991,
33.0368

Harmonies

Analogous

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



11.9337, 15.3390, 7.0627



10.4242, 15.3390, 10.7988



9.9801, 15.3390, 17.4689

Triad

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



10.4242, 15.3390, 10.7988



14.8448, 15.3390, 36.4147



19.3925, 15.3390, 9.8491

Complementary

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



10.4242, 15.3390, 10.7988



11.8604, 8.4113, 12.8033

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.



20.4105, 15.3390, 15.9570



10.4242, 15.3390, 10.7988



17.5895, 15.3390, 32.5739

Square

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



10.4242, 15.3390, 10.7988



12.3382, 15.3390, 33.7682



19.7134, 15.3390, 24.4384



17.0765, 15.3390, 6.6453

Rectangle

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



10.4242, 15.3390, 10.7988



10.2967, 15.3390, 23.1924



19.7134, 15.3390, 24.4384



19.9099, 15.3390, 11.5511

Sweetspot

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



10.4246, 15.3396, 10.7991



27.1121, 31.5780, 30.7434



12.8931, 16.6966, 7.1007



6.0772, 7.1607, 6.8772



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.4246, 15.3396, 10.7991



16.6931, 26.5180, 16.1947



11.8126, 15.8948, 18.1083



4.0070, 4.4724, 4.5705



7.8322, 14.8565, 5.1011



36.9783, 70.7143, 22.3213

Inverse Universe

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



11.8604, 8.4113, 12.8033



19.5954, 12.4774, 20.2191



10.7095, 7.9510, 6.7427



4.0941, 4.0534, 4.6931



9.8382, 4.9114, 7.7048



46.5069, 23.2591, 34.5292

Previews

White Background



This preview shows how the XYZ color 10.4242, 15.3390, 10.7988 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 10.4242, 15.3390, 10.7988 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 10.4242, 15.3390, 10.7988

Background



This preview shows how black text looks on a background with the XYZ color 10.4242, 15.3390, 10.7988.



This preview shows how white text looks on a background with the XYZ color 10.4242, 15.3390,

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

10.4242, 15.3390, 10.7988

Protanopia

14.1799, 15.2692, 9.4076

Deuteranopia

15.3160, 15.0408, 11.3285



Tritanopia

12.6195, 15.3492, 21.6996

Trichromacy



Original Color

10.4242, 15.3390, 10.7988

Protanomaly

12.2829, 14.9308, 9.8240

Deuteranomaly

12.8897, 14.7235, 11.1794

Tritanomaly

11.6768, 15.3116, 17.0919

Monochromacy



Original Color

10.4242, 15.3390, 10.7988

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.1158, 13.3020, 12.5713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4242, 15.3390, 10.7988 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(62, 121, 84)` looks like.

```
.text, #text, p{  
    color:rgb(62, 121, 84)  
}
```

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(62, 121, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 121, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.4242, 15.3390, 10.7988 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(62, 121, 84) }
```


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

```
.border{ border-color:rgb(62, 121, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 121, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 121, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 121, 84);  
box-shadow:4px 4px 4px 4px rgb(62, 121,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4242, 15.3390, 10.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 121, 84) }
```

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

```
.background{ background-color: rgb(62, 121,  
84) }
```

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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