

Converting Colors

XYZ(10.2791, 15.7325, 10.9309)

Have a look what the booklet for
XYZ(10.2791, 15.7325, 10.9309)
contains.

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Color

**XYZ(10.3292, 15.8397,
10.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	367C54
RGB	54, 124, 84
RGB Percent	21%, 49%, 33%
CMY	0.7882, 0.5137, 0.6706
CMYK	0.56, 0.00, 0.32, 0.51
HSL	146°, 39%, 35%
HSV	146°, 56%, 49%
XYZ	10.3292, 15.8397, 10.9005
YIQ	98.5100, -28.8800, -27.2800

Conversions

Conversions Part 2

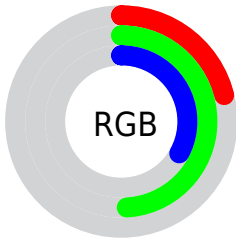
Format	Color
R_{YB}	54, 103, 124
Decimal	3570772
CIE _{Lab}	46.76, -31.93, 15.35
CIE _{LCh}	47, 35.424, 154.328
Yxy	15.8397, 0.2786, 0.4273
Android (android.graphics.Color)	4281760852 (0xFF367C54)
YUV	98.5100, -7.1534, -39.0353
Hunter-Lab	39.7991, -23.3218, 11.6206

Details

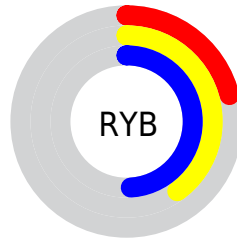
The XYZ color **10.3292, 15.8397, 10.9005** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.6522, 7.7319, 11.4684**, and the grayscale version is **11.7595, 12.3720, 13.4731**.

A 20% lighter version of the original color is **26.0886, 36.2913, 28.1842**, and **2.8150, 5.0440, 2.7447** is the 20% darker color. If you saturate the color by 10%, you get **9.4831, 15.4344, 9.4849**, and if you desaturate by 10%, it is **11.3739, 16.3450, 12.4727**.

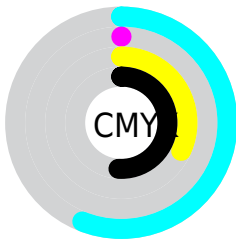
Distribution



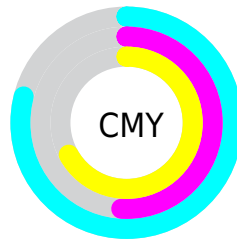
- Red (21%)
- Green (49%)
- Blue (33%)



- Red (21%)
- Yellow (40%)
- Blue (49%)



- Cyan (56%)
- Magenta (0%)
- Yellow (32%)
- Black (51%)





- Cyan (79%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3292, 15.8397, 10.9005 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 10.3292, 15.8397, 10.9005 by changing the saturation by 10% instead.


 10.3292, 15.8397,
10.9005


 10.3292, 15.8397,
10.9005

187.0107,
228.3940, 207.6965


 5.6817, 9.4108,
5.8866


 26.0570, 36.3197,
28.1099


 2.6913, 5.0101,
2.7086

 37.8680, 51.1396,
41.1424


 0.9927, 2.2532,
0.9478

 52.7975, 69.5252,
57.6850

 0.0000, 0.7488,
0.0000

 71.2109, 91.8610,
78.1561

 0.0000, 0.0000,
0.0000

 93.4736, 118.5314,
102.9742

 119.9509,

149.9208, 132.5580

151.0081,
186.4135, 167.3259

■ 10.3292, 15.8397,
10.9005

■ 10.3292, 15.8397,
10.9005

■ 9.4831, 15.4344,
9.4849

■ 11.3739, 16.3450,
12.4727

■ 8.8205, 15.1201,
8.2198

■ 12.6287, 16.9548,
14.2052

■ 8.3256, 14.8893,
7.1003

■ 14.1054, 17.6756,
16.1028

■ 7.9685, 14.7265,
6.1202

■ 15.8146, 18.5128,
18.1699

■ 7.8539, 14.6743,
5.8040

■ 17.7664, 19.4714,
20.4107

■ 19.9700, 20.5561,
22.8291

■ 22.4343, 21.7715,
25.4291

■ 25.1677, 23.1218,
28.2144

■ 28.1782, 24.6111,
31.1886

Harmonies

Analogous

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



11.9603, 15.8397, 6.7000



10.3292, 15.8397, 10.9005



9.8944, 15.8397, 18.5567

Triad

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



10.3292, 15.8397, 10.9005



15.5059, 15.8397, 40.2487



20.4863, 15.8397, 9.3500

Complementary

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



10.3292, 15.8397, 10.9005



11.6522, 7.7319, 11.4684

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.



21.7559, 15.8397, 15.9999



10.3292, 15.8397, 10.9005



18.6426, 15.8397, 35.3561

Square

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



10.3292, 15.8397, 10.9005



12.6357, 15.8397, 37.4592



21.0392, 15.8397, 25.6742



17.7653, 15.8397, 6.0422

Rectangle

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



10.3292, 15.8397, 10.9005



10.2837, 15.8397, 25.2075



21.0392, 15.8397, 25.6742



21.1126, 15.8397, 11.1679

Sweetspot

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



10.3296, 15.8403, 10.9009



27.5246, 32.4275, 31.6143



12.5760, 17.1064, 6.1291



6.3644, 7.5793, 7.3054



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.



10.3296, 15.8403, 10.9009



16.2850, 26.9681, 15.9583



12.0094, 16.5123, 19.7465



4.0156, 4.4758, 4.6157



7.9826, 14.9167, 5.8934



37.6689, 70.9906, 25.9584

Inverse Universe

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



11.6522, 7.7319, 11.4684



18.8569, 11.1553, 17.0288



10.4430, 7.2482, 5.1006



4.0853, 4.0498, 4.6468



9.6004, 4.8163, 6.4524



45.3618, 22.8011, 28.4990

Previews

White Background



This preview shows how the XYZ color 10.3292, 15.8397, 10.9005 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 10.3292, 15.8397, 10.9005 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 10.3292, 15.8397, 10.9005

Background



This preview shows how black text looks on a background with the XYZ color 10.3292, 15.8397, 10.9005.



This preview shows how white text looks on a background with the XYZ color 10.3292, 15.8397,

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

10.3292, 15.8397, 10.9005

Protanopia

14.5588, 15.6239, 9.4561

Deuteranopia

15.8176, 15.6018, 11.4103



Tritanopia

12.6895, 15.7087, 22.7853

Trichromacy



Original Color

10.3292, 15.8397, 10.9005

Protanomaly

12.2980, 15.2736, 9.8893

Deuteranomaly

12.9923, 15.2651, 11.2785

Tritanomaly

11.6277, 15.6269, 17.7327

Monochromacy



Original Color

10.3292, 15.8397, 10.9005

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

10.9502, 13.3723, 12.5936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3292, 15.8397, 10.9005 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(54, 124, 84)` looks like.

```
.text, #text, p{  
    color:rgb(54, 124, 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(54, 124, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 124, 84) }
```

Border

The CSS property to change the border of an element to XYZ 10.3292, 15.8397, 10.9005 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(54, 124, 84) }
```


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

```
.border{ border-color:rgb(54, 124, 84) }
```

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

Here you see how a box with a 4 pixel rgb(54, 124, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 124, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 124, 84);  
box-shadow:4px 4px 4px 4px rgb(54, 124,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3292, 15.8397, 10.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 124, 84) }
```

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

```
.background{ background-color: rgb(54, 124,  
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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