

Converting Colors

XYZ(10.7286, 17.6624, 8.1860)

Have a look what the booklet for
XYZ(10.7286, 17.6624, 8.1860)
contains.

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Color

**XYZ(10.7326, 17.6647,
8.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	358443
RGB	53, 132, 67
RGB Percent	21%, 52%, 26%
CMY	0.7922, 0.4823, 0.7372
CMYK	0.60, 0.00, 0.49, 0.48
HSL	131°, 43%, 36%
HSV	131°, 60%, 52%
XYZ	10.7326, 17.6647, 8.1541
YIQ	100.9690, -26.2190, -36.9630

Conversions

Conversions Part 2

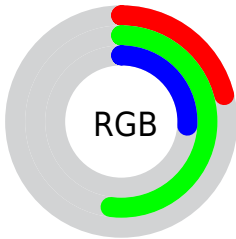
Format	Color
RYB	53, 120, 132
Decimal	3507267
CIELab	49.09, -38.88, 27.92
CIELCh	49, 47.861, 144.317
Yxy	17.6647, 0.2936, 0.4833
Android (android.graphics.Color)	4281697347 (0xFF358443)
YUV	100.9690, -16.7467, -42.0688
Hunter-Lab	42.0294, -27.9698, 17.9178

Details

The XYZ color **10.7326, 17.6647, 8.1541** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.0594, 8.7601, 18.0901**, and the grayscale version is **12.4087, 13.0550, 14.2169**.

A 20% lighter version of the original color is **26.7747, 39.5046, 22.7370**, and **3.0778, 5.9390, 1.6936** is the 20% darker color. If you saturate the color by 10%, you get **9.8362, 17.2373, 6.5681**, and if you desaturate by 10%, it is **11.8822, 18.2166, 10.0718**.

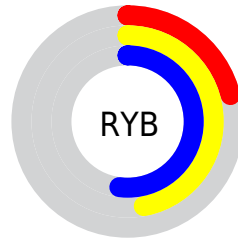
Distribution



Red (21%)

Green (52%)

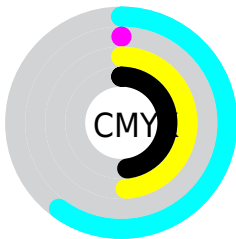
Blue (26%)



Red (21%)

Yellow (47%)

Blue (52%)

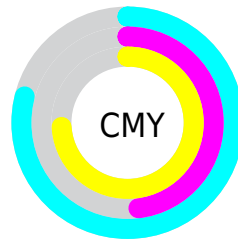


Cyan (60%)

Magenta (0%)

Yellow (49%)

Black (48%)



Cyan (79%)


Magenta (48%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7326, 17.6647, 8.1541 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 10.7326, 17.6647, 8.1541 by changing the saturation by 10% instead.


 10.7326, 17.6647,
8.1541


 10.7326, 17.6647,
8.1541


189.7701,
238.9743, 186.9153


 5.9533, 10.7095,
4.1045


 26.8020, 39.4651,
22.8111


 2.8571, 5.8719,
1.6829

 38.8228, 55.0792,
34.2557


 1.0786, 2.7673,
0.3489

 53.9881, 74.3484,
49.0023

 0.0071, 1.0115,
0.0000

 72.6633, 97.6570,
67.4695

 0.0000, 0.0000,
0.0000

 95.2138, 125.3895,
90.0759

 122.0048,

157.9303, 117.2399

153.4018,
195.6638, 149.3802

■ 10.7326, 17.6647,
8.1541

■ 10.7326, 17.6647,
8.1541

■ 9.8362, 17.2373,
6.5681

■ 11.8822, 18.2166,
10.0718

■ 9.1722, 16.9225,
5.2939

■ 13.3012, 18.8994,
12.3373

■ 8.7184, 16.7098,
4.3110

■ 15.0058, 19.7218,
14.9672

■ 8.4144, 16.5687,
3.5948

■ 17.0108, 20.6908,
17.9764

■ 8.4103, 16.5667,
3.5859

■ 19.3297, 21.8134,
21.3794

■ 21.9754, 23.0957,
25.1895

■ 24.9599, 24.5437,
29.4196

■ 28.2946, 26.1631,
34.0821

■ 31.9905, 27.9592,
39.1887

Harmonies

Analogous

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



13.4941, 17.6647, 4.3946



10.7326, 17.6647, 8.1541



9.6085, 17.6647, 16.8984

Triad

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



10.7326, 17.6647, 8.1541



15.9532, 17.6647, 55.5856



25.9008, 17.6647, 10.7756

Complementary

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



10.7326, 17.6647, 8.1541



14.0594, 8.7601, 18.0901

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.



26.8742, 17.6647, 21.7752



10.7326, 17.6647, 8.1541



20.5826, 17.6647, 51.5053

Square

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



10.7326, 17.6647, 8.1541



12.2597, 17.6647, 46.9475



24.7813, 17.6647, 37.4558



22.3173, 17.6647, 5.3697

Rectangle

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



10.7326, 17.6647, 8.1541



9.7642, 17.6647, 25.9839



24.7813, 17.6647, 37.4558



26.5679, 17.6647, 13.7675

Sweetspot

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



10.7330, 17.6654, 8.1545



30.5193, 36.7143, 32.4878



16.4795, 20.6706, 6.4895



6.8794, 8.4385, 7.2285



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.7330, 17.6654, 8.1545



16.8400, 30.1313, 10.6630



12.3042, 18.2939, 16.4281



4.6475, 5.2172, 5.1551



8.1444, 16.0406, 3.4800



0.0302, 0.0563, 0.0223

Inverse Universe

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



14.0594, 8.7601, 18.0901



23.2411, 12.9133, 29.7223



12.2128, 8.0214, 8.3658



4.8234, 4.7491, 5.6825



11.8676, 5.8114, 14.4069



0.0434, 0.0211, 0.0620

Previews

White Background



This preview shows how the XYZ color 10.7326, 17.6647, 8.1541 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 10.7326, 17.6647, 8.1541 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 10.7326, 17.6647, 8.1541

Background



This preview shows how black text looks on a background with the XYZ color 10.7326, 17.6647, 8.1541.



This preview shows how white text looks on a background with the XYZ color 10.7326, 17.6647,

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

10.7326, 17.6647, 8.1541

Protanopia

15.9898, 17.4169, 6.9339

Deuteranopia

17.6694, 17.4122, 8.5605



Tritanopia

14.3053, 17.7561, 25.5950

Trichromacy



Original Color

10.7326, 17.6647, 8.1541

Protanomaly

13.2236, 17.0447, 7.2956

Deuteranomaly

13.8867, 16.8240, 8.3098

Tritanomaly

12.6480, 17.6541, 17.4928

Monochromacy



Original Color

10.7326, 17.6647, 8.1541

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.2535, 14.1944, 11.5979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7326, 17.6647, 8.1541 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(53, 132, 67)` looks like.

```
.text, #text, p{  
    color:rgb(53, 132, 67)  
}
```

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(53, 132, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 132, 67) }
```

Border

The CSS property to change the border of an element to XYZ 10.7326, 17.6647, 8.1541 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(53, 132, 67) }
```


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

```
.border{ border-color:rgb(53, 132, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 132, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 132, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 132, 67);  
box-shadow:4px 4px 4px 4px rgb(53, 132,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7326, 17.6647, 8.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 132, 67) }
```

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

```
.background{ background-color: rgb(53, 132,  
67) }
```

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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