

Converting Colors

XYZ(17.1334, 29.9330, 15.7011)

Have a look what the booklet for
XYZ(17.1334, 29.9330, 15.7011)
contains.

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Color

**XYZ(17.1334, 29.9330,
15.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	23AA5F
RGB	35, 170, 95
RGB Percent	14%, 67%, 37%
CMY	0.8627, 0.3333, 0.6274
CMYK	0.79, 0.00, 0.44, 0.33
HSL	147°, 66%, 40%
HSV	147°, 79%, 67%
XYZ	17.1334, 29.9330, 15.7011
YIQ	121.0850, -56.3850, -51.9450

Conversions

Conversions Part 2

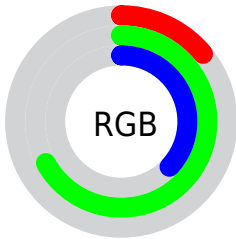
Format	Color
RYB	35, 128, 170
Decimal	2337375
CIELab	61.60, -52.02, 28.91
CIElCh	62, 59.512, 150.938
Yxy	29.9330, 0.2730, 0.4769
Android (android.graphics.Color)	4280527455 (0xFF23AA5F)
YUV	121.0850, -12.8599, -75.4965
Hunter-Lab	54.7111, -39.8450, 21.2826

Details

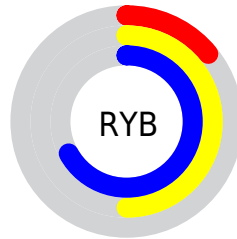
The XYZ color **17.1334, 29.9330, 15.7011** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **19.9940, 10.8744, 15.7979**, and the grayscale version is **18.2554, 19.2062, 20.9155**.

A 20% lighter version of the original color is **37.9782, 59.3516, 36.6485**, and **6.7585, 12.6960, 4.7837** is the 20% darker color. If you saturate the color by 10%, you get **16.2867, 29.5440, 13.5551**, and if you desaturate by 10%, it is **18.3130, 30.4893, 18.1358**.

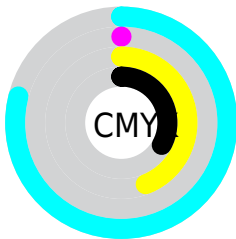
Distribution



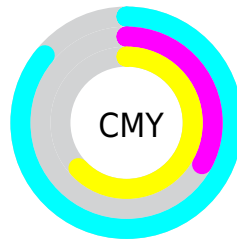
- Red (14%)
- Green (67%)
- Blue (37%)



- Red (14%)
- Yellow (50%)
- Blue (67%)



- Cyan (79%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)





- Cyan (86%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1334, 29.9330, 15.7011 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 17.1334, 29.9330, 15.7011 by changing the saturation by 10% instead.


 17.1334, 29.9330,
15.7011


 17.1334, 29.9330,
15.7011


229.0812,
301.5920, 239.3566


 10.4255, 19.7877,
9.1608


 38.0968, 59.5562,
36.8381


 5.7464, 12.2408,
4.7480


 53.0830, 79.8029,
52.2718

 2.7307, 6.9079,
2.0440


 71.5594, 104.1856,
71.5072

 1.0130, 3.4046,
0.5822

 93.8913, 133.0886,
94.9627

 0.0000, 1.3464,
0.0000

 120.4441,
166.8964, 123.0568

 0.0000, 0.1767,
0.0000

 151.5831,

 0.0000, 0.0000,

205.9933, 156.2082

0.0000

187.6737,
250.7637, 194.8353

■ 17.1334, 29.9330,
15.7011

■ 17.1334, 29.9330,
15.7011

■ 16.2867, 29.5440,
13.5551

■ 18.3130, 30.4893,
18.1358

■ 15.6963, 29.2804,
11.6825

■ 19.8608, 31.2283,
20.8681

■ 15.6644, 29.2662,
11.5802

■ 21.8096, 32.1677,
23.9089

■ 24.1877, 33.3218,
27.2679

■ 27.0210, 34.7037,
30.9544

■ 30.3330, 36.3255,
34.9771

■ 34.1457, 38.1983,
39.3447

■ 38.4796, 40.3325,
44.0652

■ 43.3542, 42.7380,
49.1465

Harmonies

Analogous

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



21.3352, 29.9330, 7.7099



17.1334, 29.9330, 15.7011



15.8071, 29.9330, 33.3092

Triad

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



17.1334, 29.9330, 15.7011



28.6998, 29.9330, 98.2889



43.5654, 29.9330, 14.9553

Complementary

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



17.1334, 29.9330, 15.7011



19.9940, 10.8744, 15.7979

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.



46.4967, 29.9330, 31.8851



17.1334, 29.9330, 15.7011



36.9940, 29.9330, 85.9409

Square

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



17.1334, 29.9330, 15.7011



21.6927, 29.9330, 87.3071



43.8966, 29.9330, 58.6130



36.4834, 29.9330, 7.4407

Rectangle

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



17.1334, 29.9330, 15.7011



16.4931, 29.9330, 50.7363



43.8966, 29.9330, 58.6130



45.1219, 29.9330, 19.3890

Sweetspot

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



17.1342, 29.9342, 15.7018



51.9036, 64.3721, 59.7155



21.2977, 32.2842, 6.6992



11.1220, 14.1337, 12.7606



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.



17.1342, 29.9342, 15.7018



28.7583, 53.2497, 22.0630



21.5018, 31.6813, 38.7014



7.5701, 8.4611, 8.7223



11.5497, 21.5387, 8.6617



0.3069, 0.5344, 0.3473

Inverse Universe

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



19.9940, 10.8744, 15.7979



34.1072, 17.3107, 22.0282



17.6340, 9.9304, 3.3704



7.6990, 7.6095, 8.7321



13.7240, 6.8983, 8.6242



0.3591, 0.1779, 0.3422

Previews

White Background



This preview shows how the XYZ color 17.1334, 29.9330, 15.7011 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 17.1334, 29.9330, 15.7011 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 17.1334, 29.9330, 15.7011

Background



This preview shows how black text looks on a background with the XYZ color 17.1334, 29.9330, 15.7011.



This preview shows how white text looks on a background with the XYZ color 17.1334, 29.9330,

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

17.1334, 29.9330, 15.7011

Protanopia

27.2105, 29.5493, 13.2863

Deuteranopia

29.8276, 29.2392, 16.6420



Tritanopia

22.9834, 29.8853, 44.6015

Trichromacy



Original Color

17.1334, 29.9330, 15.7011



Protanomaly

20.9364, 28.2281, 14.0180



Deuteranomaly

21.9378, 27.7173, 15.9981



Tritanomaly

20.1312, 29.4948, 31.4201

Monochromacy



Original Color

17.1334, 29.9330, 15.7011



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

16.3737, 21.8087, 18.6758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1334, 29.9330, 15.7011 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(35, 170, 95)` looks like.

```
.text, #text, p{  
    color:rgb(35, 170, 95)  
}
```

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(35, 170, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 170, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.1334, 29.9330, 15.7011 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(35, 170, 95) }
```


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

```
.border{ border-color:rgb(35, 170, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 170, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 170, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 170, 95);  
box-shadow:4px 4px 4px 4px rgb(35, 170,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1334, 29.9330, 15.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 170, 95) }
```

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

```
.background{ background-color: rgb(35, 170,  
95) }
```

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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