

Converting Colors

XYZ(14.1734, 17.7658, 36.2213)

Have a look what the booklet for
XYZ(14.1734, 17.7658, 36.2213)
contains.

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Color

**XYZ(14.2536, 17.8711,
36.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	117FA1
RGB	17, 127, 161
RGB Percent	7%, 50%, 63%
CMY	0.9332, 0.5020, 0.3686
CMYK	0.89, 0.21, 0.00, 0.37
HSL	194°, 81%, 35%
HSV	194°, 89%, 63%
XYZ	14.2536, 17.8711, 36.4164
YIQ	97.9860, -76.4740, -12.7460

Conversions

Conversions Part 2

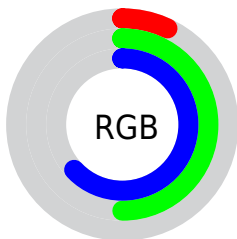
Format	Color
RYB	17, 79, 161
Decimal	1146785
CIELab	49.34, -15.99, -26.17
CIELCh	49, 30.672, 238.575
Yxy	17.8711, 0.2080, 0.2607
Android (android.graphics.Color)	4279336865 (0xFF117FA1)
YUV	97.9860, 31.0659, -71.0247
Hunter-Lab	42.2742, -13.7950, -21.4824

Details

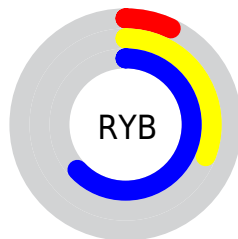
The XYZ color **14.2536, 17.8711, 36.4164** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **15.9843, 9.9873, 1.6165**, and the grayscale version is **11.5467, 12.1480, 13.2292**.

A 20% lighter version of the original color is **33.1296, 39.8757, 70.9164**, and **5.4847, 6.5529, 15.4438** is the 20% darker color. If you saturate the color by 10%, you get **13.5524, 16.7946, 36.2459**, and if you desaturate by 10%, it is **15.1541, 19.0784, 36.6023**.

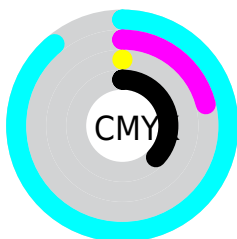
Distribution



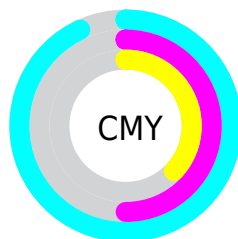
- Red (7%)
- Green (50%)
- Blue (63%)



- Red (7%)
- Yellow (31%)
- Blue (63%)



- Cyan (89%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (93%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2536, 17.8711, 36.4164 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 14.2536, 17.8711, 36.4164 by changing the saturation by 10% instead.

■ 14.2536, 17.8711,
36.4164

■ 14.2536, 17.8711,
36.4164

■ 212.2820,
240.1435, 345.8692

■ 8.3801, 10.8575,
24.4637

■ 33.1208, 39.8176,
70.8506

■ 4.3930, 5.9711,
15.4626

■ 46.8453, 55.5192,
94.1691

■ 1.9268, 2.8275,
8.9945

■ 63.9176, 74.8856,
122.1134

■ 0.5923, 1.0424,
4.6408

■ 84.7029, 98.3012,
155.1019

■ 0.0000, 0.0000,
1.9831

■ 109.5666,
126.1504, 193.5532

■ 0.0000, 0.0000,
0.5448

■ 138.8742,

■ 0.0000, 0.0000,

158.8176, 237.8858

0.0000

172.9908,
196.6872, 288.5183

■ 14.2536, 17.8711,
36.4164

■ 14.2536, 17.8711,
36.4164

■ 13.5524, 16.7946,
36.2459

■ 15.1541, 19.0784,
36.6023

■ 13.5137, 16.7346,
36.2364

■ 16.3195, 20.4498,
36.8056

■ 17.7815, 22.0021,
37.0282

■ 19.5670, 23.7496,
37.2714

■ 21.6994, 25.7046,
37.5363

■ 24.2002, 27.8785,
37.8241

■ 27.0888, 30.2815,
38.1357

■ 30.3834, 32.9233,
38.4720

■ 34.1010, 35.8129,
38.8338

Harmonies

Analogous

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



12.5635, 17.8711, 28.0938



14.2536, 17.8711, 36.4164



16.8483, 17.8711, 40.0648

Triad

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



14.2536, 17.8711, 36.4164



23.1599, 17.8711, 19.8566



14.4673, 17.8711, 8.5720

Complementary

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



14.2536, 17.8711, 36.4164



15.9843, 9.9873, 1.6165

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.



17.1243, 17.8711, 7.5019



14.2536, 17.8711, 36.4164



22.3407, 17.8711, 12.8034

Square

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



14.2536, 17.8711, 36.4164



22.1754, 17.8711, 28.9775



20.0469, 17.8711, 8.8029



12.6767, 17.8711, 12.2924

Rectangle

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



14.2536, 17.8711, 36.4164



18.8158, 17.8711, 38.7475



20.0469, 17.8711, 8.8029



15.2787, 17.8711, 7.9464

Sweetspot

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



14.2542, 17.8717, 36.4168



44.2782, 50.7213, 67.8430



13.5657, 25.8450, 7.3616



9.3745, 10.8386, 14.8416



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.2542, 17.8717, 36.4168



24.0438, 29.6539, 64.8431



8.0508, 5.4648, 34.3490



7.1337, 7.7264, 9.0184



10.8252, 13.4298, 28.9514



0.2601, 0.3475, 0.6192

Inverse Universe

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



18.7297, 9.5111, 20.9278



32.6437, 16.0983, 34.5173



21.8337, 21.6862, 3.5664



7.2925, 7.1734, 8.5265



14.6095, 7.1999, 15.6663



0.3235, 0.1579, 0.4160

Previews

White Background



This preview shows how the XYZ color 14.2536, 17.8711, 36.4164 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 14.2536, 17.8711, 36.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

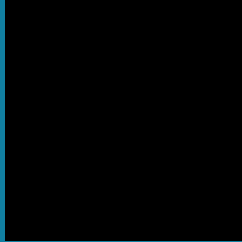
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2536, 17.8711, 36.4164

Background



This preview shows how black text looks on a background with the XYZ color 14.2536, 17.8711, 36.4164.



This preview shows how white text looks on a background with the XYZ color 14.2536, 17.8711,

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

14.2536, 17.8711, 36.4164

Protanopia

17.8616, 17.6543, 32.1720

Deuteranopia

18.0871, 17.6511, 37.5757



Tritanopia

12.7163, 17.8587, 27.5878

Trichromacy



Original Color

14.2536, 17.8711, 36.4164

Protanomaly

15.3373, 17.0161, 33.4864

Deuteranomaly

15.7335, 17.1401, 37.1295

Tritanomaly

13.2707, 17.8774, 30.7682

Monochromacy



Original Color

14.2536, 17.8711, 36.4164

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.3741, 13.5830, 20.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2536, 17.8711, 36.4164 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(17, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(17, 127, 161)  
}
```

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(17, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 127, 161) }
```

Border

The CSS property to change the border of an element to XYZ 14.2536, 17.8711, 36.4164 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(17, 127, 161) }
```


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

```
.border{ border-color:rgb(17, 127, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 127, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 127, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 127, 161);  
box-shadow:4px 4px 4px 4px rgb(17, 127,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2536, 17.8711, 36.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 127, 161) }
```

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

```
.background{ background-color: rgb(17, 127,  
161) }
```

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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