

Converting Colors

XYZ(14.9092, 18.1470, 21.6364)

Have a look what the booklet for
XYZ(14.9092, 18.1470, 21.6364)
contains.

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Color

**XYZ(14.9022, 18.1487,
21.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	577D7C
RGB	87, 125, 124
RGB Percent	34%, 49%, 49%
CMY	0.6588, 0.5098, 0.5137
CMYK	0.30, 0.00, 0.01, 0.51
HSL	178°, 18%, 42%
HSV	178°, 30%, 49%
XYZ	14.9022, 18.1487, 21.7864
YIQ	113.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

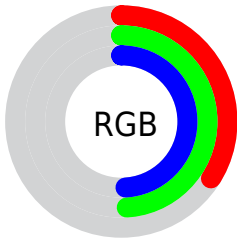
Format	Color
R _Y B	87, 106, 125
Decimal	5733756
CIE Lab	49.68, -13.47, -3.74
CIE LCh	50, 13.984, 195.529
Yxy	18.1487, 0.2718, 0.3310
Android (android.graphics.Color)	4283923836 (0xFF577D7C)
YUV	113.5240, 5.1647, -23.2615
Hunter-Lab	42.6013, -12.1118, -0.5001

Details

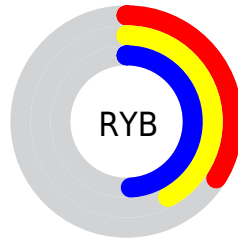
The XYZ color **14.9022, 18.1487, 21.7864** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6277, 11.8815, 10.8084**, and the grayscale version is **15.8421, 16.6672, 18.1506**.

A 20% lighter version of the original color is **34.2381, 40.3787, 47.0636**, and **4.6911, 6.1082, 7.5884** is the 20% darker color. If you saturate the color by 10%, you get **13.8141, 17.5906, 21.6273**, and if you desaturate by 10%, it is **16.1936, 18.8125, 21.9562**.

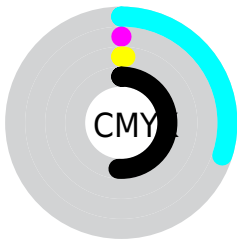
Distribution



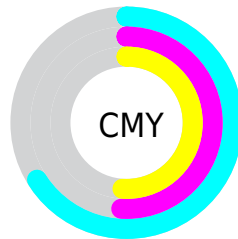
- Red (34%)
- Green (49%)
- Blue (49%)



- Red (34%)
- Yellow (42%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9022, 18.1487, 21.7864 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 14.9022, 18.1487, 21.7864 by changing the saturation by 10% instead.

■ 14.9022, 18.1487,
21.7864

■ 14.9022, 18.1487,
21.7864

216.1736,
241.7079, 274.3458

■ 8.8366, 11.0568,
13.5032

■ 34.2546, 40.2905,
47.2904

■ 4.6910, 6.1051,
7.6412

■ 48.2721, 56.1093,
65.3482

■ 2.1000, 2.9091,
3.7818

■ 65.6710, 75.6057,
87.5014

■ 0.6892, 1.0844,
1.5064

■ 86.8167, 99.1643,
114.1684

■ 0.0000, 0.0000,
0.2227

■ 112.0744,
127.1694, 145.7678

■ 0.0000, 0.0000,
0.0000

141.8096,

160.0055, 182.7182

176.3875,
198.0568, 225.4380

■ 14.9022, 18.1487,
21.7864

■ 14.9022, 18.1487,
21.7864

■ 13.8141, 17.5906,
21.6273

■ 16.1936, 18.8125,
21.9562

■ 12.9172, 17.1307,
21.4771

■ 17.6963, 19.5847,
22.1358

■ 12.2008, 16.7637,
21.3357

■ 19.4199, 20.4709,
22.3262

■ 11.6522, 16.4833,
21.2025

■ 21.3730, 21.4753,
22.5276

■ 11.2574, 16.2822,
21.0769

■ 23.5636, 22.6021,
22.7405

■ 10.9999, 16.1517,
20.9581

■ 25.9993, 23.8554,
22.9653

■ 10.8287, 16.0658,
20.8479

■ 28.6876, 25.2388,
23.2023

■ 31.6355, 26.7560,
23.4517

■ 34.8496, 28.4104,
23.7140

Harmonies

Analogous

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



14.8911, 18.1487, 17.9873



14.9022, 18.1487, 21.7864



15.5203, 18.1487, 25.4591

Triad

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



14.9022, 18.1487, 21.7864



19.1390, 18.1487, 25.3460



17.8965, 18.1487, 13.4860

Complementary

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



14.9022, 18.1487, 21.7864



13.6277, 11.8815, 10.8084

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.



19.1033, 18.1487, 14.9834



14.9022, 18.1487, 21.7864



19.8452, 18.1487, 21.6473

Square

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



14.9022, 18.1487, 21.7864



17.9433, 18.1487, 27.6871



19.8318, 18.1487, 17.8649



16.5744, 18.1487, 13.5131

Rectangle

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



14.9022, 18.1487, 21.7864



16.2124, 18.1487, 27.2012



19.8318, 18.1487, 17.8649



18.3305, 18.1487, 13.8184

Sweetspot

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



14.9027, 18.1494, 21.7868



32.0324, 35.2469, 39.6775



13.1043, 17.4438, 11.6936



7.2053, 7.9758, 9.0160



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.



14.9027, 18.1494, 21.7868



25.3845, 31.8317, 38.8265



12.9183, 14.0786, 21.4394



4.4417, 4.8850, 5.4972



11.3010, 16.7670, 21.7559



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6277, 11.8815, 10.8084



22.7421, 18.8393, 16.0724



15.2029, 15.0977, 11.1301



4.3320, 4.3460, 4.5528



8.8455, 4.5579, 0.5100



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9022, 18.1487, 21.7864 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 14.9022, 18.1487, 21.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

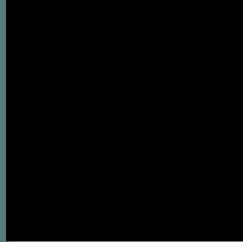
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9022, 18.1487, 21.7864

Background



This preview shows how black text looks on a background with the XYZ color 14.9022, 18.1487, 21.7864.



This preview shows how white text looks on a background with the XYZ color 14.9022, 18.1487,

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

14.9022, 18.1487, 21.7864

Protanopia

17.2988, 17.9764, 20.0108

Deuteranopia

18.2407, 17.9010, 22.2325



Tritanopia

15.5611, 18.2326, 24.8894

Trichromacy



Original Color

14.9022, 18.1487, 21.7864

Protanomaly

16.2311, 17.9392, 20.6963

Deuteranomaly

16.7356, 17.8170, 21.9590

Tritanomaly

15.2614, 18.1017, 23.8087

Monochromacy



Original Color

14.9022, 18.1487, 21.7864

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4574, 17.2079, 19.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9022, 18.1487, 21.7864 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(87, 125, 124)` looks like.

```
.text, #text, p{  
    color:rgb(87, 125, 124)  
}
```

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(87, 125, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 125, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.9022, 18.1487, 21.7864 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(87, 125, 124) }
```


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

```
.border{ border-color:rgb(87, 125, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 125, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 125, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 125, 124);  
box-shadow:4px 4px 4px 4px rgb(87, 125,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9022, 18.1487, 21.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 125, 124) }
```

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

```
.background{ background-color: rgb(87, 125,  
124) }
```

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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