

Converting Colors

XYZ(14.5453, 18.1700, 22.2690)

Have a look what the booklet for
XYZ(14.5453, 18.1700, 22.2690)
contains.

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Color

**XYZ(14.4708, 18.1079,
22.1345)**

Conversions

Conversions Part 1

Format	Color
Hex	507E7D
RGB	80, 126, 125
RGB Percent	31%, 49%, 49%
CMY	0.6863, 0.5059, 0.5098
CMYK	0.37, 0.00, 0.01, 0.51
HSL	179°, 22%, 40%
HSV	179°, 37%, 49%
XYZ	14.4708, 18.1079, 22.1345
YIQ	112.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

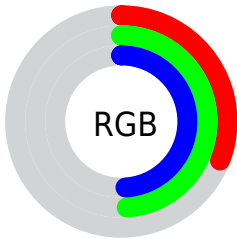
Format	Color
R_{YB}	80, 103, 126
Decimal	5275261
CIE _{Lab}	49.63, -15.89, -4.45
CIE _{LCh}	50, 16.499, 195.642
Yxy	18.1079, 0.2645, 0.3310
Android (android.graphics.Color)	4283465341 (0xFF507E7D)
YUV	112.1320, 6.3439, -28.1798
Hunter-Lab	42.5534, -13.7673, -1.0528

Details

The XYZ color **14.4708, 18.1079, 22.1345** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.9587, 10.7675, 9.1806**, and the grayscale version is **15.4279, 16.2314, 17.6760**.

A 20% lighter version of the original color is **33.5161, 40.2798, 48.1278**, and **4.4938, 6.1056, 7.7791** is the 20% darker color. If you saturate the color by 10%, you get **13.4878, 17.6036, 21.9975**, and if you desaturate by 10%, it is **15.6545, 18.7165, 22.2819**.

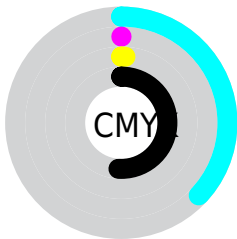
Distribution



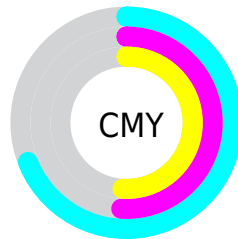
- Red (31%)
- Green (49%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4708, 18.1079, 22.1345 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 14.4708, 18.1079, 22.1345 by changing the saturation by 10% instead.

■ 14.4708, 18.1079,
22.1345

■ 14.4708, 18.1079,
22.1345

■ 213.5929,
241.4785, 276.2242

■ 8.5327, 11.0275,
13.7565

■ 33.5014, 40.2211,
47.8732

■ 4.4923, 6.0853,
7.8147

■ 47.3247, 56.0227,
66.0710

■ 1.9843, 2.8970,
3.8905

■ 64.5070, 75.5001,
88.3792

■ 0.6251, 1.0782,
1.5655

■ 85.4139, 99.0377,
115.2163

■ 0.0000, 0.0000,
0.2660

■ 110.4105,
127.0200, 147.0008

■ 0.0000, 0.0000,
0.0000

139.8623,

159.8313, 184.1512

174.1346,
197.8560, 227.0862

■ 14.4708, 18.1079,
22.1345

■ 14.4708, 18.1079,
22.1345

■ 13.4878, 17.6036,
21.9975

■ 15.6545, 18.7165,
22.2819

■ 12.6926, 17.1957,
21.8692

■ 17.0476, 19.4327,
22.4390

■ 12.0736, 16.8786,
21.7493

■ 18.6602, 20.2619,
22.6066

■ 11.6170, 16.6452,
21.6373

■ 20.5013, 21.2090,
22.7852

■ 11.3070, 16.4874,
21.5324

■ 22.5794, 22.2783,
22.9751

■ 11.1137, 16.3897,
21.4332

■ 24.9027, 23.4739,
23.1767

■ 11.0526, 16.3589,
21.3990

■ 27.4787, 24.7998,
23.3905

■ 30.3148, 26.2599,
23.6166

■ 33.4182, 27.8576,
23.8555

Harmonies

Analogous

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



14.4553, 18.1079, 17.6540



14.4708, 18.1079, 22.1345



15.1902, 18.1079, 26.5483

Triad

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



14.4708, 18.1079, 22.1345



19.4553, 18.1079, 26.3821



17.9687, 18.1079, 12.4856

Complementary

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



14.4708, 18.1079, 22.1345



12.9587, 10.7675, 9.1806

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.



19.4036, 18.1079, 14.1703



14.4708, 18.1079, 22.1345



20.2965, 18.1079, 21.9336

Square

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



14.4708, 18.1079, 22.1345



18.0358, 18.1079, 29.2428



20.2770, 18.1079, 17.4812



16.4117, 18.1079, 12.5225

Rectangle

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



14.4708, 18.1079, 22.1345



15.9986, 18.1079, 28.6635



20.2770, 18.1079, 17.4812



18.4832, 18.1079, 12.8568

Sweetspot

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



14.4713, 18.1086, 22.1349



31.4473, 34.9453, 39.6484



12.3486, 17.2747, 10.2733



7.0842, 7.9134, 9.0114



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.



14.4713, 18.1086, 22.1349



23.9752, 31.1053, 38.7534



12.0789, 13.2208, 21.6548



4.4425, 4.8853, 5.5015



11.3381, 16.7818, 21.9512



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9587, 10.7675, 9.1806



20.8938, 16.1466, 12.3610



14.7519, 14.4137, 9.5944



4.3313, 4.3457, 4.5490



8.8423, 4.5566, 0.4932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4708, 18.1079, 22.1345 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 14.4708, 18.1079, 22.1345 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

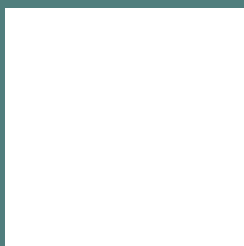
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4708, 18.1079, 22.1345

Background



This preview shows how black text looks on a background with the XYZ color 14.4708, 18.1079, 22.1345.



This preview shows how white text looks on a background with the XYZ color 14.4708, 18.1079,

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

14.4708, 18.1079, 22.1345

Protanopia

17.3592, 18.0006, 20.3288

Deuteranopia

18.1603, 17.8520, 22.5673



Tritanopia

15.1865, 18.2103, 25.6362

Trichromacy



Original Color

14.4708, 18.1079, 22.1345

Protanomaly

16.0550, 17.8413, 21.0099

Deuteranomaly

16.4287, 17.6514, 22.2798

Tritanomaly

14.8237, 18.0553, 24.1765

Monochromacy



Original Color

14.4708, 18.1079, 22.1345

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8277, 16.7163, 19.2747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4708, 18.1079, 22.1345 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(80, 126, 125) looks like.

```
.text, #text, p{  
    color:rgb(80, 126, 125)  
}
```

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(80, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 126, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.4708, 18.1079, 22.1345 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(80, 126, 125) }
```


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

```
.border{ border-color:rgb(80, 126, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 126, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 126, 125);  
box-shadow:4px 4px 4px 4px rgb(80, 126,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4708, 18.1079, 22.1345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 126, 125) }
```

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

```
.background{ background-color: rgb(80, 126,  
125) }
```

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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