

Converting Colors

XYZ(14.2337, 18.0243, 21.3709)

Have a look what the booklet for
XYZ(14.2337, 18.0243, 21.3709)
contains.

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Color

**XYZ(14.2605, 18.0140,
21.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7E7B
RGB	79, 126, 123
RGB Percent	31%, 49%, 48%
CMY	0.6902, 0.5059, 0.5176
CMYK	0.37, 0.00, 0.02, 0.51
HSL	176°, 23%, 40%
HSV	176°, 37%, 49%
XYZ	14.2605, 18.0140, 21.4643
YIQ	111.6050, -27.0490, -10.8970

Conversions

Conversions Part 2

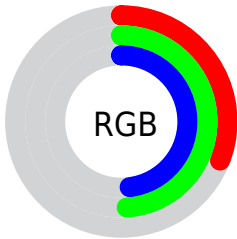
Format	Color
R_{YB}	79, 103, 126
Decimal	5209723
CIE _{Lab}	49.51, -16.70, -3.45
CIE _{LCh}	50, 17.050, 191.658
Yxy	18.0140, 0.2654, 0.3352
Android (android.graphics.Color)	4283399803 (0xFF4F7E7B)
YUV	111.6050, 5.6177, -28.5946
Hunter-Lab	42.4429, -14.3004, -0.2742

Details

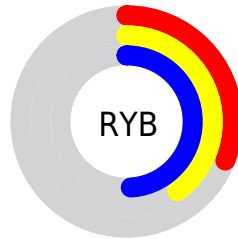
The XYZ color **14.2605, 18.0140, 21.4643** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.9238, 10.6374, 9.3556**, and the grayscale version is **15.2757, 16.0713, 17.5016**.

A 20% lighter version of the original color is **33.0639, 40.0812, 46.5512**, and **4.3966, 6.0634, 7.4172** is the 20% darker color. If you saturate the color by 10%, you get **13.2602, 17.5045, 21.1560**, and if you desaturate by 10%, it is **15.4610, 18.6275, 21.7849**.

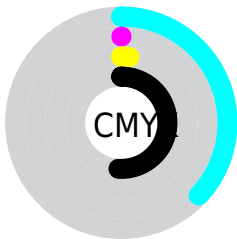
Distribution



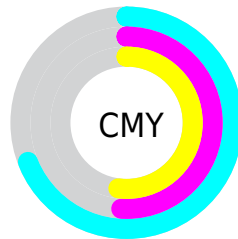
- Red (31%)
- Green (49%)
- Blue (48%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2605, 18.0140, 21.4643 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 14.2605, 18.0140, 21.4643 by changing the saturation by 10% instead.

■ 14.2605, 18.0140,
21.4643

■ 14.2605, 18.0140,
21.4643

212.3238,
240.9499, 272.5974

■ 8.3850, 10.9600,
13.2693

■ 33.1330, 40.0612,
46.7498

■ 4.3961, 6.0400,
7.4813

■ 46.8606, 55.8232,
64.6773

■ 1.9286, 2.8694,
3.6819

■ 63.9363, 75.2567,
86.6860

■ 0.5934, 1.0639,
1.4525

■ 84.7255, 98.7460,
113.1946

■ 0.0000, 0.0000,
0.1822

■ 109.5935,
126.6756, 144.6215

■ 0.0000, 0.0000,
0.0000

138.9056,

159.4299, 181.3852

173.0273,
197.3932, 223.9044

■ 14.2605, 18.0140,
21.4643

■ 14.2605, 18.0140,
21.4643

■ 13.2602, 17.5045,
21.1560

■ 15.4610, 18.6275,
21.7849

■ 12.4471, 17.0912,
20.8582

■ 16.8705, 19.3482,
22.1171

■ 11.8096, 16.7682,
20.5708

■ 18.4991, 20.1819,
22.4617

■ 11.3336, 16.5285,
20.2931

■ 20.3559, 21.1331,
22.8192

■ 11.0033, 16.3638,
20.0243

■ 22.4495, 22.2063,
23.1899

■ 10.7840, 16.2563,
19.7629

■ 24.7879, 23.4057,
23.5743

■ 10.7285, 16.2292,
19.6929

■ 27.3788, 24.7353,
23.9726

■ 30.2297, 26.1988,
24.3854

■ 33.3476, 27.7999,
24.8128

Harmonies

Analogous

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



14.3435, 18.0140, 16.9499



14.2605, 18.0140, 21.4643



14.9077, 18.0140, 26.1300

Triad

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



14.2605, 18.0140, 21.4643



19.2670, 18.0140, 27.0265



18.1164, 18.0140, 12.3337

Complementary

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



14.2605, 18.0140, 21.4643



12.9238, 10.6374, 9.3556

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.



19.5449, 18.0140, 14.2830



14.2605, 18.0140, 21.4643



20.2374, 18.0140, 22.5440

Square

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



14.2605, 18.0140, 21.4643



17.7561, 18.0140, 29.6622



20.3422, 18.0140, 17.8736



16.5027, 18.0140, 12.1381

Rectangle

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



14.2605, 18.0140, 21.4643



15.6913, 18.0140, 28.5160



20.3422, 18.0140, 17.8736



18.6366, 18.0140, 12.7895

Sweetspot

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



14.2610, 18.0147, 21.4647



31.3799, 34.9183, 39.2934



12.3641, 17.2868, 10.0827



7.0675, 7.9066, 8.9230



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.



14.2610, 18.0147, 21.4647



23.5415, 30.9133, 37.3046



12.1073, 13.4020, 21.6881



4.4350, 4.8823, 5.4617



11.0054, 16.6488, 20.1992



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9238, 10.6374, 9.3556



20.8218, 15.8958, 12.6666



14.5128, 13.9942, 9.3340



4.3381, 4.3484, 4.5847



8.8717, 4.5684, 0.6480



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2605, 18.0140, 21.4643 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 14.2605, 18.0140, 21.4643 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 14.2605, 18.0140, 21.4643

Background



This preview shows how black text looks on a background with the XYZ color 14.2605, 18.0140, 21.4643.



This preview shows how white text looks on a background with the XYZ color 14.2605, 18.0140,

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

14.2605, 18.0140, 21.4643

Protanopia

17.2391, 17.9525, 19.6961

Deuteranopia

18.2407, 17.9010, 22.2325



Tritanopia

14.9904, 17.9304, 25.2251

Trichromacy



Original Color

14.2605, 18.0140, 21.4643

Protanomaly

15.8156, 17.7321, 20.3584

Deuteranomaly

16.3644, 17.6257, 21.9416

Tritanomaly

14.7562, 18.0283, 23.8212

Monochromacy



Original Color

14.2605, 18.0140, 21.4643

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7692, 16.6929, 18.9666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2605, 18.0140, 21.4643 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(79, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(79, 126, 123)  
}
```

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(79, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 126, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.2605, 18.0140, 21.4643 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(79, 126, 123) }
```


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

```
.border{ border-color:rgb(79, 126, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 126, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(79, 126,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2605, 18.0140, 21.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 126, 123) }
```

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

```
.background{ background-color: rgb(79, 126,  
123) }
```

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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