

Converting Colors

XYZ(14.4035, 17.8264, 22.1716)

Have a look what the booklet for
XYZ(14.4035, 17.8264, 22.1716)
contains.

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Color

**XYZ(14.4286, 17.8972,
22.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	517D7D
RGB	81, 125, 125
RGB Percent	32%, 49%, 49%
CMY	0.6823, 0.5098, 0.5098
CMYK	0.35, 0.00, 0.00, 0.51
HSL	180°, 21%, 40%
HSV	180°, 35%, 49%
XYZ	14.4286, 17.8972, 22.0961
YIQ	111.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

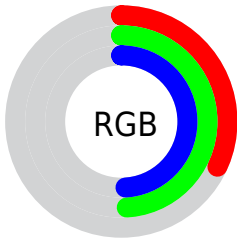
Format	Color
R _Y B	81, 103, 125
Decimal	5340541
CIE Lab	49.37, -15.05, -4.82
CIE LCh	49, 15.800, 197.766
Yxy	17.8972, 0.2651, 0.3289
Android (android.graphics.Color)	4283530621 (0xFF517D7D)
YUV	111.8440, 6.4859, -27.0502
Hunter-Lab	42.3051, -13.1546, -1.3538

Details

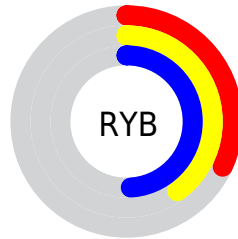
The XYZ color **14.4286, 17.8972, 22.0961** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.8857, 10.8394, 9.1982**, and the grayscale version is **15.3429, 16.1419, 17.5785**.

A 20% lighter version of the original color is **33.4720, 39.9607, 48.0685**, and **4.4846, 5.9978, 7.7588** is the 20% darker color. If you saturate the color by 10%, you get **13.4546, 17.3955, 22.0508**, and if you desaturate by 10%, it is **15.6008, 18.5020, 22.1515**.

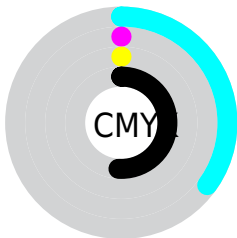
Distribution



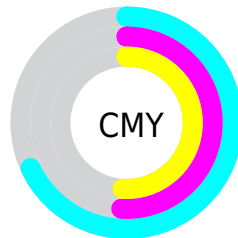
- Red (32%)
- Green (49%)
- Blue (49%)



- Red (32%)
- Yellow (40%)
- Blue (49%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4286, 17.8972, 22.0961 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 14.4286, 17.8972, 22.0961 by changing the saturation by 10% instead.

■ 14.4286, 17.8972,
22.0961

■ 14.4286, 17.8972,
22.0961

213.3388,
240.2910, 276.0176

■ 8.5031, 10.8762,
13.7285

■ 33.4276, 39.8621,
47.8090

■ 4.4730, 5.9837,
7.7955

■ 47.2317, 55.5748,
65.9914

■ 1.9730, 2.8351,
3.8785

■ 64.3927, 74.9534,
88.2825

■ 0.6188, 1.0463,
1.5589

■ 85.2760, 98.3826,
115.1009

■ 0.0000, 0.0000,
0.2613

■ 110.2469,
126.2465, 146.8651

■ 0.0000, 0.0000,
0.0000

139.6707,

158.9296, 183.9935

173.9129,
196.8163, 226.9049

■ 14.4286, 17.8972,
22.0961

■ 14.4286, 17.8972,
22.0961

■ 13.4546, 17.3955,
22.0508

■ 15.6008, 18.5020,
22.1515

■ 12.6666, 16.9893,
22.0138

■ 16.9798, 19.2128,
22.2161

■ 12.0530, 16.6730,
21.9849

■ 18.5753, 20.0354,
22.2909

■ 11.6006, 16.4398,
21.9636

■ 20.3962, 20.9740,
22.3763

■ 11.2944, 16.2819,
21.9492

■ 22.4507, 22.0332,
22.4725

■ 11.1106, 16.1872,
21.9405

■ 24.7467, 23.2168,
22.5801

■ 11.0355, 16.1484,
21.9369

■ 27.2916, 24.5288,
22.6993

■ 30.0927, 25.9728,
22.8305

■ 33.1568, 27.5524,
22.9741

Harmonies

Analogous

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



14.3646, 17.8972, 17.8015



14.4286, 17.8972, 22.0961



15.1589, 17.8972, 26.2064

Triad

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



14.4286, 17.8972, 22.0961



19.2186, 17.8972, 25.5309



17.6244, 17.8972, 12.5250

Complementary

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



14.4286, 17.8972, 22.0961



12.8857, 10.8394, 9.1982

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.



19.0076, 17.8972, 14.0272



14.4286, 17.8972, 22.0961



19.9634, 17.8972, 21.2757

Square

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



14.4286, 17.8972, 22.0961



17.8989, 17.8972, 28.3797



19.8839, 17.8972, 17.0918



16.1525, 17.8972, 12.6781

Rectangle

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



14.4286, 17.8972, 22.0961



15.9508, 17.8972, 28.0998



19.8839, 17.8972, 17.0918



18.1167, 17.8972, 12.8429

Sweetspot

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



14.4291, 17.8979, 22.0965



31.4823, 34.9593, 39.8326



12.2759, 17.0439, 10.4277



7.0930, 7.9168, 9.0573



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.



14.4291, 17.8979, 22.0965



24.4450, 31.3314, 39.5026



12.0190, 13.0776, 21.2936



4.4464, 4.8869, 5.5222



11.5173, 16.8535, 22.8947



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8857, 10.8394, 9.1982



21.2566, 16.7503, 12.8579



14.7209, 14.5099, 9.8097



4.3278, 4.3443, 4.5306



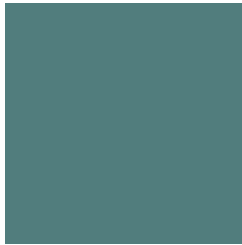
8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.4286, 17.8972, 22.0961 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 14.4286, 17.8972, 22.0961 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 14.4286, 17.8972, 22.0961

Background



This preview shows how black text looks on a background with the XYZ color 14.4286, 17.8972, 22.0961.



This preview shows how white text looks on a background with the XYZ color 14.4286, 17.8972,

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

14.4286, 17.8972, 22.0961

Protanopia

17.1068, 17.6984, 20.2838

Deuteranopia

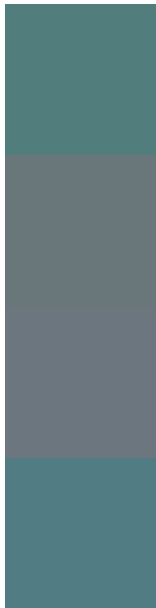
18.0165, 17.7779, 22.5606



Tritanopia

15.0780, 17.9755, 25.2292

Trichromacy



Original Color

14.4286, 17.8972, 22.0961

Protanomaly

15.9354, 17.6020, 20.9700

Deuteranomaly

16.4287, 17.6514, 22.2798

Tritanomaly

14.7841, 17.8478, 24.1385

Monochromacy



Original Color

14.4286, 17.8972, 22.0961

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9390, 16.7736, 19.2799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4286, 17.8972, 22.0961 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(81, 125, 125) looks like.

```
.text, #text, p{  
    color:rgb(81, 125, 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(81, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 125, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.4286, 17.8972, 22.0961 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(81, 125, 125) }
```


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

```
.border{ border-color:rgb(81, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(81, 125,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4286, 17.8972, 22.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 125, 125) }
```

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

```
.background{ background-color: rgb(81, 125,  
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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