

Converting Colors

XYZ(14.6753, 17.7635, 22.1836)

Have a look what the booklet for
XYZ(14.6753, 17.7635, 22.1836)
contains.

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Color

**XYZ(14.6556, 17.8273,
22.0706)**

Conversions

Conversions Part 1

Format	Color
Hex	557C7D
RGB	85, 124, 125
RGB Percent	33%, 49%, 49%
CMY	0.6667, 0.5137, 0.5098
CMYK	0.32, 0.01, 0.00, 0.51
HSL	181°, 19%, 41%
HSV	181°, 32%, 49%
XYZ	14.6556, 17.8273, 22.0706
YIQ	112.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

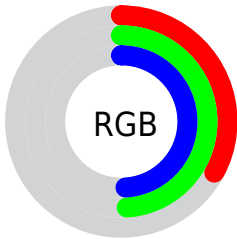
Format	Color
R_{YB}	85, 105, 125
Decimal	5602429
CIE Lab	49.29, -13.29, -4.92
CIE LCh	49, 14.170, 200.328
Yxy	17.8273, 0.2686, 0.3268
Android (android.graphics.Color)	4283792509 (0xFF557C7D)
YUV	112.4530, 6.1857, -24.0763
Hunter-Lab	42.2224, -11.9309, -1.4366

Details

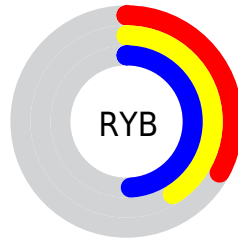
The XYZ color **14.6556, 17.8273, 22.0706** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.4250, 11.6714, 10.1398**, and the grayscale version is **15.5220, 16.3304, 17.7838**.

A 20% lighter version of the original color is **33.9114, 39.8929, 48.0323**, and **4.5481, 5.9290, 7.7422** is the 20% darker color. If you saturate the color by 10%, you get **13.5807, 17.2157, 22.0095**, and if you desaturate by 10%, it is **15.9322, 18.5440, 22.1419**.

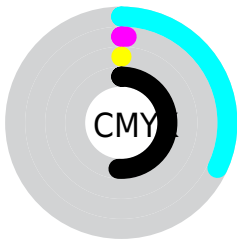
Distribution



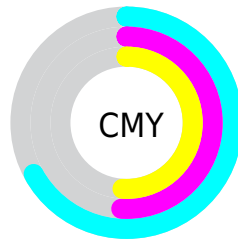
- Red (33%)
- Green (49%)
- Blue (49%)



- Red (33%)
- Yellow (41%)
- Blue (49%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6556, 17.8273, 22.0706 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 14.6556, 17.8273, 22.0706 by changing the saturation by 10% instead.

■ 14.6556, 17.8273,
22.0706

■ 14.6556, 17.8273,
22.0706

214.7021,
239.8958, 275.8803

■ 8.6628, 10.8261,
13.7100

■ 33.8245, 39.7428,
47.7663

■ 4.5772, 5.9500,
7.7828

■ 47.7313, 55.4259,
65.9385

■ 2.0336, 2.8147,
3.8705

■ 65.0068, 74.7717,
88.2183

■ 0.6527, 1.0358,
1.5546

■ 86.0163, 98.1647,
115.0243

■ 0.0000, 0.0000,
0.2581

■ 111.1252,
125.9892, 146.7749

■ 0.0000, 0.0000,
0.0000

140.6989,

158.6296, 183.8887

175.1028,
196.4704, 226.7844

■ 14.6556, 17.8273,
22.0706

■ 14.6556, 17.8273,
22.0706

■ 13.5807, 17.2157,
22.0095

■ 15.9322, 18.5440,
22.1419

■ 12.6953, 16.7015,
21.9569

■ 17.4187, 19.3686,
22.2228

■ 11.9885, 16.2795,
21.9127

■ 19.1248, 20.3066,
22.3139

■ 11.4475, 15.9432,
21.8763

■ 21.0590, 21.3624,
22.4157

■ 11.0578, 15.6851,
21.8470

■ 23.2295, 22.5402,
22.5287

■ 10.8026, 15.4965,
21.8241

■ 25.6440, 23.8440,
22.6531

■ 10.6467, 15.3707,
21.8080

■ 28.3100, 25.2776,
22.7893

■ 31.2344, 26.8446,
22.9376

■ 34.4242, 28.5486,
23.0984

Harmonies

Analogous

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



14.5442, 17.8273, 18.2052



14.6556, 17.8273, 22.0706



15.3622, 17.8273, 25.6179

Triad

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



14.6556, 17.8273, 22.0706



18.9919, 17.8273, 24.4769



17.3780, 17.8273, 13.0440

Complementary

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



14.6556, 17.8273, 22.0706



13.4250, 11.6714, 10.1398

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.



18.6315, 17.8273, 14.2974



14.6556, 17.8273, 22.0706



19.5950, 17.8273, 20.6687

Square

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



14.6556, 17.8273, 22.0706



17.8492, 17.8273, 27.1285



19.4597, 17.8273, 16.9739



16.0705, 17.8273, 13.3163

Rectangle

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



14.6556, 17.8273, 22.0706



16.0972, 17.8273, 27.1644



19.4597, 17.8273, 16.9739



17.8207, 17.8273, 13.2939

Sweetspot

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



14.6561, 17.8280, 22.0710



31.7003, 34.9643, 39.8224



12.7465, 17.2653, 11.3948



7.1349, 7.9113, 9.0541



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.



14.6561, 17.8280, 22.0710



24.8754, 31.1472, 39.4453



12.4322, 13.3801, 21.3297



4.4375, 4.8691, 5.5192



11.1111, 16.0406, 22.7605



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3444, 12.3125, 20.6375



26.3075, 19.7471, 36.4457



15.2172, 15.2556, 10.7372



4.4937, 4.4106, 5.4042



12.4853, 6.0138, 19.6772



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6556, 17.8273, 22.0706 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 14.6556, 17.8273, 22.0706 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 14.6556, 17.8273, 22.0706

Background



This preview shows how black text looks on a background with the XYZ color 14.6556, 17.8273, 22.0706.



This preview shows how white text looks on a background with the XYZ color 14.6556, 17.8273,

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

14.6556, 17.8273, 22.0706

Protanopia

17.1068, 17.6984, 20.2838

Deuteranopia

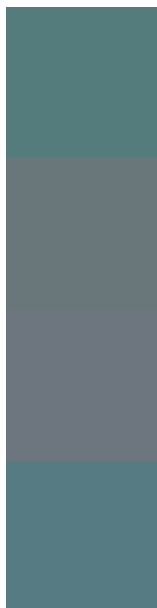
17.9043, 17.5535, 22.5232



Tritanopia

15.2471, 17.8856, 24.8390

Trichromacy



Original Color

14.6556, 17.8273, 22.0706

Protanomaly

16.0535, 17.6630, 20.9755

Deuteranomaly

16.4339, 17.4801, 22.2465

Tritanomaly

14.9500, 17.7561, 23.7584

Monochromacy



Original Color

14.6556, 17.8273, 22.0706

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9358, 16.5999, 19.2465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6556, 17.8273, 22.0706 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(85, 124, 125) looks like.

```
.text, #text, p{  
    color:rgb(85, 124, 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(85, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 124, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.6556, 17.8273, 22.0706 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(85, 124, 125) }
```


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

```
.border{ border-color:rgb(85, 124, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(85, 124,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6556, 17.8273, 22.0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 124, 125) }
```

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

```
.background{ background-color: rgb(85, 124,  
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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