

Converting Colors

XYZ(14.3999, 15.3587, 19.9442)

Have a look what the booklet for
XYZ(14.3999, 15.3587, 19.9442)
contains.

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Color

**XYZ(14.3329, 15.2746,
19.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	656E78
RGB	101, 110, 120
RGB Percent	40%, 43%, 47%
CMY	0.6039, 0.5686, 0.5294
CMYK	0.16, 0.08, 0.00, 0.53
HSL	212°, 9%, 43%
HSV	212°, 16%, 47%
XYZ	14.3329, 15.2746, 19.9622
YIQ	108.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

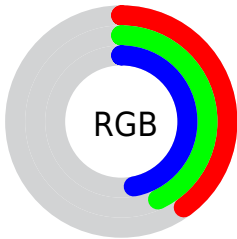
Format	Color
R_{YB}	101, 107, 120
Decimal	6647416
CIE Lab	46.01, -1.14, -6.71
CIE LCh	46, 6.804, 260.345
Yxy	15.2746, 0.2891, 0.3081
Android (android.graphics.Color)	4284837496 (0xFF656E78)
YUV	108.4490, 5.6946, -6.5328
Hunter-Lab	39.0827, -2.9331, -2.9255

Details

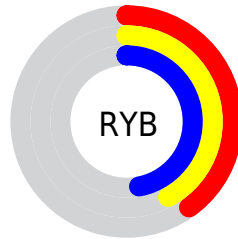
The XYZ color **14.3329, 15.2746, 19.9622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7792, 16.3015, 14.6270**, and the grayscale version is **14.3666, 15.1148, 16.4600**.

A 20% lighter version of the original color is **33.3156, 35.4946, 44.1250**, and **4.4685, 4.8072, 6.8232** is the 20% darker color. If you saturate the color by 10%, you get **12.4290, 13.3178, 19.6851**, and if you desaturate by 10%, it is **16.4824, 17.4309, 20.2654**.

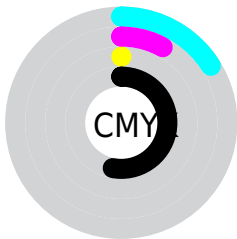
Distribution



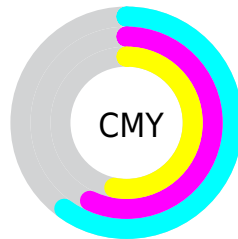
- Red (40%)
- Green (43%)
- Blue (47%)



- Red (40%)
- Yellow (42%)
- Blue (47%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3329, 15.2746, 19.9622 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 14.3329, 15.2746, 19.9622 by changing the saturation by 10% instead.

■ 14.3329, 15.2746,
19.9622

■ 14.3329, 15.2746,
19.9622

212.7615,
225.0223, 264.3079

■ 8.4358, 9.0123,
12.1838

■ 33.2599, 35.3342,
44.2119

■ 4.4292, 4.7492,
6.7449

■ 47.0205, 49.9003,
61.5203

■ 1.9477, 2.1009,
3.2271

■ 64.1331, 68.0032,
82.8424

■ 0.6043, 0.6651,
1.2117

■ 84.9628, 90.0272,
108.5968

■ 0.0000, 0.0000,
0.0000

109.8752,
116.3567, 139.2020

139.2355,

147.3761, 175.0766

173.4092,
183.4699, 216.6390

■ 14.3329, 15.2746,
19.9622

■ 14.3329, 15.2746,
19.9622

■ 12.4290, 13.3178,
19.6851

■ 16.4824, 17.4309,
20.2654

■ 10.7601, 11.5523,
19.4323

■ 18.8853, 19.7910,
20.5943

■ 9.3163, 9.9720,
19.2033

■ 21.5503, 22.3612,
20.9499

■ 8.0867, 8.5696,
18.9975

■ 24.4855, 25.1469,
21.3329

■ 7.0596, 7.3373,
18.8137

■ 27.6986, 28.1537,
21.7439

■ 6.2216, 6.2667,
18.6512

■ 31.1971, 31.3864,
22.1835

■ 5.5578, 5.3481,
18.5089

■ 34.9880, 34.8501,
22.6523

■ 5.0417, 4.5662,
18.3852

■ 39.0781, 38.5495,
23.1507

■ 4.8460, 4.2677,
18.3379

■ 43.4740, 42.4892,
23.6795

Harmonies

Analogous

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



13.8220, 15.2746, 19.1978



14.3329, 15.2746, 19.9622



14.9069, 15.2746, 19.7898

Triad

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



14.3329, 15.2746, 19.9622



15.5826, 15.2746, 15.5517



13.6811, 15.2746, 14.6863

Complementary

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



14.3329, 15.2746, 19.9622



15.7792, 16.3015, 14.6270

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.



14.1360, 15.2746, 13.8284



14.3329, 15.2746, 19.9622



15.2371, 15.2746, 14.3046

Square

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



14.3329, 15.2746, 19.9622



15.6387, 15.2746, 17.1697



14.7048, 15.2746, 13.6935



13.4523, 15.2746, 16.1046

Rectangle

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



14.3329, 15.2746, 19.9622



15.2477, 15.2746, 19.1708



14.7048, 15.2746, 13.6935



13.8120, 15.2746, 14.3269

Sweetspot

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



14.3334, 15.2752, 19.9625



29.2747, 30.9405, 35.6822



14.9427, 17.3436, 17.5464



6.8836, 7.2789, 8.4488



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.3334, 15.2752, 19.9625



23.9439, 25.5757, 34.9277



13.4465, 13.4487, 19.6567



3.9397, 4.1776, 5.0419



5.2726, 4.6276, 20.0006



24.3107, 20.3940, 95.1249

Inverse Universe

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



15.2142, 14.4265, 16.7353



25.8171, 23.8370, 28.0502



16.7676, 18.3433, 14.9690



4.0700, 4.0437, 4.5662



9.2447, 4.6740, 4.5794



43.6741, 22.1260, 19.6115

Previews

White Background



This preview shows how the XYZ color 14.3329, 15.2746, 19.9622 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 14.3329, 15.2746, 19.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

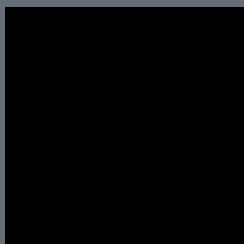
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

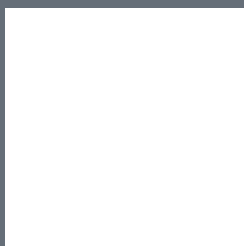
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3329, 15.2746, 19.9622

Background



This preview shows how black text looks on a background with the XYZ color 14.3329, 15.2746, 19.9622.



This preview shows how white text looks on a background with the XYZ color 14.3329, 15.2746,

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

14.3329, 15.2746, 19.9622

Protanopia

14.8767, 15.2452, 19.6113

Deuteranopia

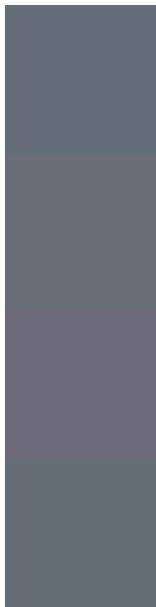
15.5447, 15.2660, 20.2165



Tritanopia

14.2725, 15.2505, 19.6442

Trichromacy



Original Color

14.3329, 15.2746, 19.9622

Protanomaly

14.6241, 15.2724, 19.6299

Deuteranomaly

15.0156, 15.1471, 20.2214

Tritanomaly

14.2725, 15.2505, 19.6442

Monochromacy



Original Color

14.3329, 15.2746, 19.9622

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2190, 15.1104, 17.4964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3329, 15.2746, 19.9622 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(101, 110, 120)` looks like.

```
.text, #text, p{  
    color:rgb(101, 110, 120)  
}
```

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(101, 110, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 110, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.3329, 15.2746, 19.9622 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(101, 110, 120) }
```


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

```
.border{ border-color:rgb(101, 110, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 110, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 110, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 110, 120);  
box-shadow:4px 4px 4px 4px rgb(101, 110,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3329, 15.2746, 19.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 110, 120) }
```

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

```
.background{ background-color: rgb(101,  
110, 120) }
```

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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