

Converting Colors

XYZ(13.9911, 14.4763, 20.1463)

Have a look what the booklet for
XYZ(13.9911, 14.4763, 20.1463)
contains.

XYZ(13.9721, 14.4552, 20.1429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.9721, 14.4552,
20.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	656A79
RGB	101, 106, 121
RGB Percent	40%, 42%, 47%
CMY	0.6039, 0.5843, 0.5255
CMYK	0.17, 0.12, 0.00, 0.53
HSL	225°, 9%, 44%
HSV	225°, 17%, 47%
XYZ	13.9721, 14.4552, 20.1429
YIQ	106.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

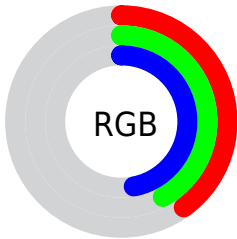
Format	Color
R_{YB}	101, 105, 121
Decimal	6646393
CIE Lab	44.88, 1.47, -9.00
CIE LCh	45, 9.116, 279.307
Yxy	14.4552, 0.2877, 0.2976
Android (android.graphics.Color)	4284836473 (0xFF656A79)
YUV	106.2150, 7.2890, -4.5736
Hunter-Lab	38.0200, -0.9374, -4.7977

Details

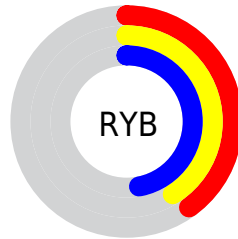
The XYZ color **13.9721, 14.4552, 20.1429** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4798, 17.4956, 14.8209**, and the grayscale version is **13.7411, 14.4567, 15.7433**.

A 20% lighter version of the original color is **32.5487, 33.8065, 44.3450**, and **4.2550, 4.3801, 6.7521** is the 20% darker color. If you saturate the color by 10%, you get **11.8296, 12.0354, 19.7890**, and if you desaturate by 10%, it is **16.4139, 17.1770, 20.5398**.

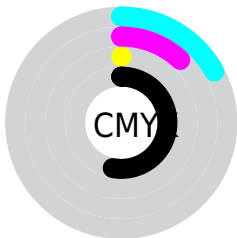
Distribution



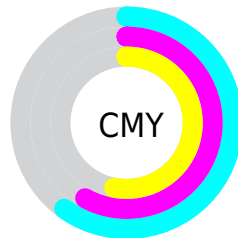
- Red (40%)
- Green (42%)
- Blue (47%)



- Red (40%)
- Yellow (41%)
- Blue (47%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9721, 14.4552, 20.1429 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 13.9721, 14.4552, 20.1429 by changing the saturation by 10% instead.

■ 13.9721, 14.4552,
20.1429

■ 13.9721, 14.4552,
20.1429

210.5713,
220.0446, 265.3175

■ 8.1828, 8.4379,
12.3139

■ 32.6262, 33.8946,
44.5188

■ 4.2650, 4.3764,
6.8327

■ 46.2217, 48.0854,
61.9026

■ 1.8531, 1.8863,
3.2808

■ 63.1501, 65.7697,
83.3086

■ 0.5493, 0.5401,
1.2398

■ 83.7766, 87.3316,
109.1550

■ 0.0000, 0.0000,
0.0116

108.4666,
113.1557, 139.8606

■ 0.0000, 0.0000,
0.0000

137.5855,

143.6263, 175.8439

171.4986,
179.1278, 217.5233

■ 13.9721, 14.4552,
20.1429

■ 13.9721, 14.4552,
20.1429

■ 11.8296, 12.0354,
19.7890

■ 16.4139, 17.1770,
20.5398

■ 9.9734, 9.9053,
19.4757

■ 19.1649, 20.2091,
20.9801

■ 8.3915, 8.0541,
19.2017

■ 22.2360, 23.5616,
21.4653

■ 7.0702, 6.4698,
18.9656

■ 25.6371, 27.2438,
21.9968

■ 5.9949, 5.1396,
18.7655

■ 29.3779, 31.2645,
22.5757

■ 5.1493, 4.0493,
18.5996

■ 33.4676, 35.6320,
23.2031

■ 4.5151, 3.1834,
18.4659

■ 37.9148, 40.3545,
23.8803

■ 4.0589, 2.5178,
18.3615

■ 42.7282, 45.4400,
24.6082

■ 3.9219, 2.3218,
18.3309

■ 47.9160, 50.8960,
25.3879

Harmonies

Analogous

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



13.2394, 14.4552, 19.8957



13.9721, 14.4552, 20.1429



14.6664, 14.4552, 19.1304

Triad

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



13.9721, 14.4552, 20.1429



14.8772, 14.4552, 13.2818



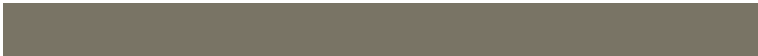
12.4428, 14.4552, 14.3342

Complementary

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



13.9721, 14.4552, 20.1429



16.4798, 17.4956, 14.8209

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.



12.8520, 14.4552, 12.7746



13.9721, 14.4552, 20.1429



14.2515, 14.4552, 12.2062

Square

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



13.9721, 14.4552, 20.1429



15.2013, 14.4552, 15.0853



13.5090, 14.4552, 12.0293



12.3741, 14.4552, 16.4118

Rectangle

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



13.9721, 14.4552, 20.1429



15.0077, 14.4552, 17.9267



13.5090, 14.4552, 12.0293



12.5443, 14.4552, 13.7374

Sweetspot

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



13.9725, 14.4558, 20.1432



30.0498, 31.4868, 36.8867



15.3376, 17.6950, 19.0290



6.8105, 7.1326, 8.4245



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.



13.9725, 14.4558, 20.1432



23.4338, 24.1012, 35.8098



14.0096, 13.7321, 20.0016



3.8716, 4.0414, 5.0192



4.1947, 2.4719, 19.6413



19.4260, 10.6247, 93.4967

Inverse Universe

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



15.1408, 14.4134, 15.6203



25.9726, 24.0560, 25.9698



16.4335, 18.3505, 14.9883



4.0356, 4.0300, 4.3853



8.7006, 4.4564, 1.7145



41.2085, 21.1397, 6.6281

Previews

White Background



This preview shows how the XYZ color 13.9721, 14.4552, 20.1429 looks on a white background.

Color Contrast Check

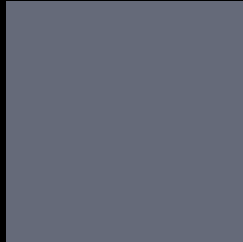
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9721, 14.4552, 20.1429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

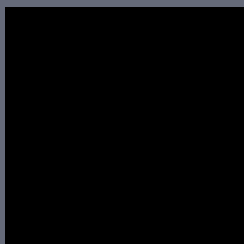
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

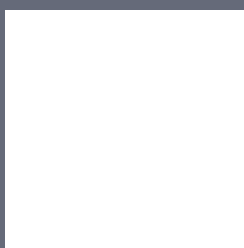
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9721, 14.4552, 20.1429

Background



This preview shows how black text looks on a background with the XYZ color 13.9721, 14.4552, 20.1429.



This preview shows how white text looks on a background with the XYZ color 13.9721, 14.4552,

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

13.9721, 14.4552, 20.1429

Protanopia

14.2117, 14.4267, 20.1248

Deuteranopia

14.6698, 14.3568, 20.4103



Tritanopia

13.6077, 14.4625, 18.2940

Trichromacy



Original Color

13.9721, 14.4552, 20.1429

Protanomaly

14.0963, 14.3672, 20.1194

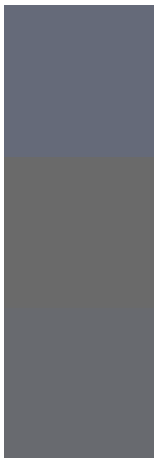
Deuteranomaly

14.4070, 14.3699, 20.4267

Tritanomaly

13.7241, 14.5091, 18.9068

Monochromacy



Original Color

13.9721, 14.4552, 20.1429

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7322, 14.3988, 17.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9721, 14.4552, 20.1429 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, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 121)  
}
```

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, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 121) }
```

Border

The CSS property to change the border of an element to XYZ 13.9721, 14.4552, 20.1429 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, 106, 121) }
```


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

```
.border{ border-color:rgb(101, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9721, 14.4552, 20.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 121) }
```

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

```
.background{ background-color: rgb(101,  
106, 121) }
```

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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