

Converting Colors

XYZ(13.5248, 13.9620, 22.2323)

Have a look what the booklet for
XYZ(13.5248, 13.9620, 22.2323)
contains.

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Color

**XYZ(13.5640, 14.0413,
22.4174)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6980
RGB	94, 105, 128
RGB Percent	37%, 41%, 50%
CMY	0.6314, 0.5882, 0.4980
CMYK	0.27, 0.18, 0.00, 0.50
HSL	221°, 15%, 44%
HSV	221°, 27%, 50%
XYZ	13.5640, 14.0413, 22.4174
YIQ	104.3330, -13.9390, 4.8210

Conversions

Conversions Part 2

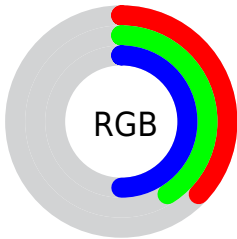
Format	Color
R_{YB}	94, 102, 128
Decimal	6187392
CIE _{Lab}	44.29, 1.41, -14.14
CIE _{LCh}	44, 14.215, 275.686
Yxy	14.0413, 0.2712, 0.2807
Android (android.graphics.Color)	4284377472 (0xFF5E6980)
YUV	104.3330, 11.6678, -9.0620
Hunter-Lab	37.4717, -0.9622, -9.2399

Details

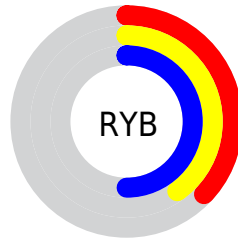
The XYZ color **13.5640, 14.0413, 22.4174** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2841, 18.1204, 13.1769**, and the grayscale version is **13.2201, 13.9085, 15.1464**.

A 20% lighter version of the original color is **31.9060, 33.1329, 48.4297**, and **4.0966, 4.1950, 7.9909** is the 20% darker color. If you saturate the color by 10%, you get **11.5213, 11.7453, 22.0821**, and if you desaturate by 10%, it is **15.9151, 16.6303, 22.7935**.

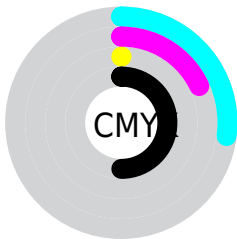
Distribution



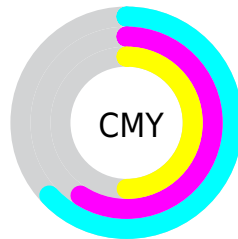
- Red (37%)
- Green (41%)
- Blue (50%)



- Red (37%)
- Yellow (40%)
- Blue (50%)



- Cyan (27%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)



- Cyan (63%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5640, 14.0413, 22.4174 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 13.5640, 14.0413, 22.4174 by changing the saturation by 10% instead.

■ 13.5640, 14.0413,
22.4174

■ 13.5640, 14.0413,
22.4174

208.0667,
217.4876, 277.7426

■ 7.8977, 8.1494,
13.9627

■ 31.9062, 33.1623,
48.3459

■ 4.0808, 4.1907,
7.9563

■ 45.3127, 47.1602,
66.6568

■ 1.7480, 1.7808,
3.9796

■ 62.0301, 64.6288,
89.0901

■ 0.4860, 0.4752,
1.6142

■ 82.4237, 85.9527,
116.0644

■ 0.0000, 0.0000,
0.3009

106.8588,
111.5161, 147.9983

■ 0.0000, 0.0000,
0.0000

135.7007,

141.7034, 185.3103

169.3149,
176.8991, 228.4189

■ 13.5640, 14.0413,
22.4174

■ 13.5640, 14.0413,
22.4174

■ 11.5213, 11.7453,
22.0821

■ 15.9151, 16.6303,
22.7935

■ 9.7722, 9.7297,
21.7853

■ 18.5859, 19.5210,
23.2106

■ 8.3029, 7.9834,
21.5256

■ 21.5886, 22.7235,
23.6705

■ 7.0974, 6.4941,
21.3017

■ 24.9344, 26.2471,
24.1743

■ 6.1385, 5.2481,
21.1117

■ 28.6339, 30.1009,
24.7232

■ 5.4064, 4.2302,
20.9538

■ 32.6975, 34.2932,
25.3182

■ 4.8667, 3.4174,
20.8254

■ 37.1348, 38.8324,
25.9605

■ 4.7036, 3.1730,
20.7868

■ 41.9552, 43.7263,
26.6510

■ 47.1679, 48.9825,
27.3909

Harmonies

Analogous

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



12.4643, 14.0413, 21.7461



13.5640, 14.0413, 22.4174



14.6645, 14.0413, 20.9695

Triad

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



13.5640, 14.0413, 22.4174



15.2048, 14.0413, 11.9140



11.4479, 14.0413, 12.8489

Complementary

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



13.5640, 14.0413, 22.4174



17.2841, 18.1204, 13.1769

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.



12.1086, 14.0413, 10.7392



13.5640, 14.0413, 22.4174



14.2680, 14.0413, 10.2556

Square

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



13.5640, 14.0413, 22.4174



15.6458, 14.0413, 14.6755



13.1300, 14.0413, 9.8582



11.2831, 14.0413, 15.9185

Rectangle

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



13.5640, 14.0413, 22.4174



15.2376, 14.0413, 19.1038



13.1300, 14.0413, 9.8582



11.6175, 14.0413, 12.0185

Sweetspot

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



13.5644, 14.0419, 22.4177



31.9206, 33.5063, 40.7412



15.5270, 19.0949, 19.5948



7.3226, 7.6821, 9.5152



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.5644, 14.0419, 22.4177



21.5981, 22.1661, 39.0964



13.1182, 12.2549, 22.0963



4.2137, 4.4213, 5.4446



4.6650, 3.1485, 20.6118



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.4550, 13.6151, 15.1785



25.5669, 21.4339, 23.8629



17.8132, 20.4087, 13.5907



4.3807, 4.3654, 4.8091



9.2317, 4.7124, 2.5437



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5640, 14.0413, 22.4174 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 13.5640, 14.0413, 22.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

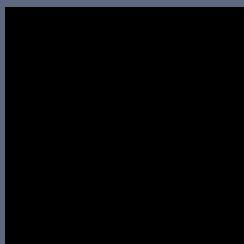
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

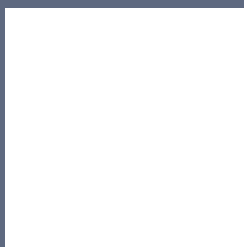
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5640, 14.0413, 22.4174

Background



This preview shows how black text looks on a background with the XYZ color 13.5640, 14.0413, 22.4174.

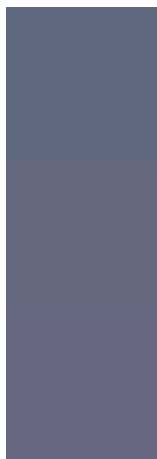


This preview shows how white text looks on a background with the XYZ color 13.5640, 14.0413,

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

13.5640, 14.0413, 22.4174

Protanopia

13.9267, 14.0856, 22.0634

Deuteranopia

14.3073, 13.9713, 22.7115



Tritanopia

12.7245, 14.0005, 18.5547

Trichromacy



Original Color

13.5640, 14.0413, 22.4174

Protanomaly

13.7108, 13.9743, 22.0533

Deuteranomaly

14.0682, 13.9948, 22.7287

Tritanomaly

12.9578, 13.9394, 19.7769

Monochromacy



Original Color

13.5640, 14.0413, 22.4174

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1865, 13.8022, 17.5919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5640, 14.0413, 22.4174 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(94, 105, 128) looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 128)  
}
```

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(94, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 13.5640, 14.0413, 22.4174 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(94, 105, 128) }
```


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

```
.border{ border-color:rgb(94, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5640, 14.0413, 22.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 128) }
```

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

```
.background{ background-color: rgb(94, 105,  
128) }
```

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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