

Converting Colors

XYZ(13.0679, 14.1445, 16.5688)

Have a look what the booklet for
XYZ(13.0679, 14.1445, 16.5688)
contains.

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Color

**XYZ(13.0550, 14.2162,
16.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	626B6D
RGB	98, 107, 109
RGB Percent	38%, 42%, 43%
CMY	0.6157, 0.5804, 0.5725
CMYK	0.10, 0.02, 0.00, 0.57
HSL	191°, 5%, 41%
HSV	191°, 10%, 43%
XYZ	13.0550, 14.2162, 16.5239
YIQ	104.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

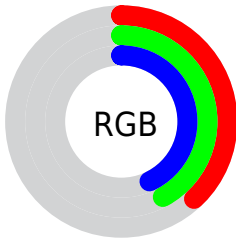
Format	Color
R _Y B	98, 103, 109
Decimal	6450029
CIE Lab	44.54, -2.98, -2.30
CIE LCh	45, 3.760, 217.669
Yxy	14.2162, 0.2981, 0.3246
Android (android.graphics.Color)	4284640109 (0xFF626B6D)
YUV	104.5370, 2.2003, -5.7329
Hunter-Lab	37.7044, -4.1777, 0.4093

Details

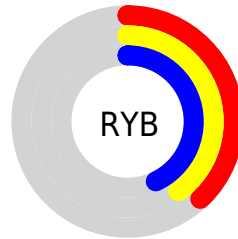
The XYZ color **13.0550, 14.2162, 16.5239** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0685, 13.2472, 13.4236**, and the grayscale version is **13.2980, 13.9905, 15.2357**.

A 20% lighter version of the original color is **30.9664, 33.3813, 38.0688**, and **3.9015, 4.3096, 5.1836** is the 20% darker color. If you saturate the color by 10%, you get **11.7541, 13.2430, 16.4048**, and if you desaturate by 10%, it is **14.5216, 15.2826, 16.6527**.

Distribution



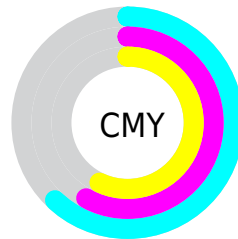
- Red (38%)
- Green (42%)
- Blue (43%)



- Red (38%)
- Yellow (40%)
- Blue (43%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0550, 14.2162, 16.5239 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 13.0550, 14.2162, 16.5239 by changing the saturation by 10% instead.

■ 13.0550, 14.2162,
16.5239

■ 13.0550, 14.2162,
16.5239

204.9003,
218.5717, 244.3640

■ 7.5437, 8.2712,
9.7373

■ 31.0030, 33.4722,
38.2847

■ 3.8537, 4.2690,
5.1218

■ 44.1705, 47.5519,
54.0960

■ 1.6197, 1.8251,
2.2589

■ 60.6207, 65.1120,
73.7526

■ 0.4052, 0.5028,
0.7081

■ 80.7190, 86.5368,
97.6730

■ 0.0000, 0.0000,
0.0000

104.8307,
112.2108, 126.2758

133.3213,

142.5184, 159.9796

166.5560,
177.8439, 199.2028

■ 13.0550, 14.2162,
16.5239

■ 13.0550, 14.2162,
16.5239

■ 11.7541, 13.2430,
16.4048

■ 14.5216, 15.2826,
16.6527

■ 10.6113, 12.3579,
16.2942

■ 16.1588, 16.4437,
16.7905

■ 9.6201, 11.5578,
16.1920

■ 17.9729, 17.7030,
16.9379

■ 8.7730, 10.8390,
16.0979

■ 19.9692, 19.0634,
17.0953

■ 8.0620, 10.1971,
16.0115

■ 22.1531, 20.5278,
17.2629

7.4782, 9.6276,
15.9324

24.5297, 22.0987,
17.4408

7.0116, 9.1252,
15.8600

27.1037, 23.7787,
17.6294

6.6508, 8.6841,
15.7939

29.8799, 25.5702,
17.8289

6.3495, 8.2825,
15.7322

32.8627, 27.4756,
18.0395

Harmonies

Analogous

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



12.9415, 14.2162, 15.7033



13.0550, 14.2162, 16.5239



13.2914, 14.2162, 17.0784

Triad

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



13.0550, 14.2162, 16.5239



14.0596, 14.2162, 16.1233



13.4343, 14.2162, 13.8797

Complementary

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



13.0550, 14.2162, 16.5239



13.0685, 13.2472, 13.4236

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.



13.7352, 14.2162, 13.9827



13.0550, 14.2162, 16.5239



14.0992, 14.2162, 15.2569

Square

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



13.0550, 14.2162, 16.5239



13.8721, 14.2162, 16.8412



13.9797, 14.2162, 14.4792



13.1583, 14.2162, 14.1924

Rectangle

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



13.0550, 14.2162, 16.5239



13.4883, 14.2162, 17.2113



13.9797, 14.2162, 14.4792



13.5358, 14.2162, 13.8671

Sweetspot

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



13.0554, 14.2168, 16.5242



25.1859, 26.7770, 29.7483



12.7980, 14.4510, 14.1293



5.8179, 6.2001, 6.9189



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.0554, 14.2168, 16.5242



22.8300, 25.0522, 29.5395



12.5162, 13.1383, 16.3445



3.1374, 3.4031, 3.9264



7.4108, 9.6560, 18.3955



37.1827, 48.0440, 93.5399

Inverse Universe

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



13.3285, 13.0484, 15.7267



23.4217, 22.5420, 27.8068



13.5971, 14.3044, 13.5999



3.1951, 3.1549, 3.7580



9.4875, 4.6471, 11.4617



48.0509, 23.5623, 56.8641

Previews

White Background



This preview shows how the XYZ color 13.0550, 14.2162, 16.5239 looks on a white background.

Color Contrast Check

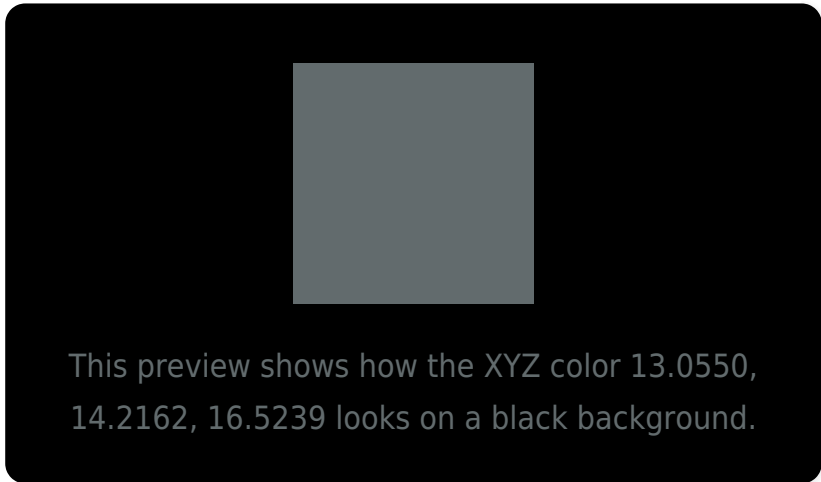
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

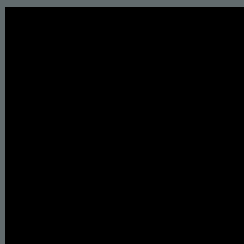
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

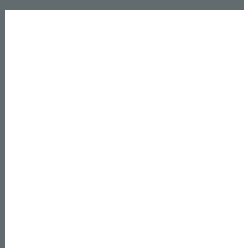
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0550, 14.2162, 16.5239

Background



This preview shows how black text looks on a background with the XYZ color 13.0550, 14.2162, 16.5239.



This preview shows how white text looks on a background with the XYZ color 13.0550, 14.2162,

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

13.0550, 14.2162, 16.5239

Protanopia

13.7022, 14.2500, 16.2157

Deuteranopia

14.3759, 14.1392, 16.7233



Tritanopia

13.3941, 14.1985, 18.2543

Trichromacy



Original Color

13.0550, 14.2162, 16.5239

Protanomaly

13.4543, 14.2743, 16.2335

Deuteranomaly

13.9491, 14.2146, 16.7603

Tritanomaly

13.2803, 14.1530, 17.6546

Monochromacy



Original Color

13.0550, 14.2162, 16.5239

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2350, 14.1735, 15.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0550, 14.2162, 16.5239 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(98, 107, 109) looks like.

```
.text, #text, p{  
    color:rgb(98, 107, 109)  
}
```

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(98, 107, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 107, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.0550, 14.2162, 16.5239 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(98, 107, 109) }
```


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

```
.border{ border-color:rgb(98, 107, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 107, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 107, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 107, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 107,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0550, 14.2162, 16.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 107, 109) }
```

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

```
.background{ background-color: rgb(98, 107,  
109) }
```

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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