

Converting Colors

XYZ(14.2121, 13.6052, 14.5508)

Have a look what the booklet for
XYZ(14.2121, 13.6052, 14.5508)
contains.

XYZ(14.1962, 13.6649, 14.4597)	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(14.1962, 13.6649,
14.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	756366
RGB	117, 99, 102
RGB Percent	46%, 39%, 40%
CMY	0.5412, 0.6118, 0.6000
CMYK	0.00, 0.15, 0.13, 0.54
HSL	350°, 8%, 42%
HSV	350°, 15%, 46%
XYZ	14.1962, 13.6649, 14.4597
YIQ	104.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

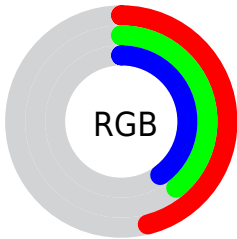
Format	Color
R_{YB}	117, 99, 102
Decimal	7693158
CIE Lab	43.75, 7.75, 0.98
CIE LCh	44, 7.811, 7.181
Yxy	13.6649, 0.3354, 0.3229
Android (android.graphics.Color)	4285883238 (0xFF756366)
YUV	104.7240, -1.3429, 10.7661
Hunter-Lab	36.9661, 3.8593, 2.6843

Details

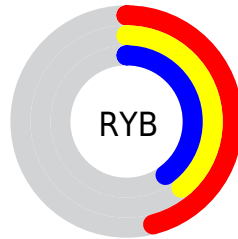
The XYZ color **14.1962, 13.6649, 14.4597** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5447, 16.5904, 18.3561**, and the grayscale version is **13.3546, 14.0501, 15.3006**.

A 20% lighter version of the original color is **33.0183, 32.5476, 34.6791**, and **4.3718, 3.9970, 4.1555** is the 20% darker color. If you saturate the color by 10%, you get **12.7116, 11.4246, 11.7176**, and if you desaturate by 10%, it is **15.8991, 16.2504, 17.5556**.

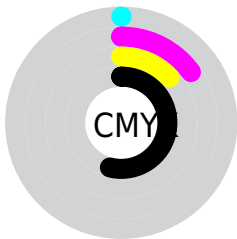
Distribution



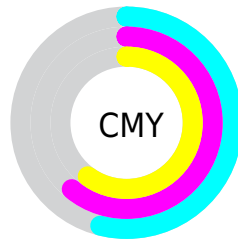
- Red (46%)
- Green (39%)
- Blue (40%)



- Red (46%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1962, 13.6649, 14.4597 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 14.1962, 13.6649, 14.4597 by changing the saturation by 10% instead.

■ 14.1962, 13.6649,
14.4597

■ 14.1962, 13.6649,
14.4597

211.9343,
215.1361, 231.5992

■ 8.3399, 7.8880,
8.2987

■ 33.0201, 32.4933,
34.6313

■ 4.3668, 4.0233,
4.1962

■ 46.7184, 46.3135,
49.4790

■ 1.9117, 1.6866,
1.7336

■ 63.7614, 63.5836,
68.0593

■ 0.5836, 0.4150,
0.3836

■ 84.5144, 84.6879,
90.7907

■ 0.0000, 0.0000,
0.0000

109.3429,
110.0110, 118.0919

138.6121,

139.9371, 150.3814

172.6875,
174.8506, 188.0776

■ 14.1962, 13.6649,
14.4597

■ 14.1962, 13.6649,
14.4597

■ 12.7116, 11.4246,
11.7176

■ 15.8991, 16.2504,
17.5556

■ 11.4353, 9.5131,
9.3158

■ 17.8274, 19.1931,
21.0164

■ 10.3583, 7.9155,
7.2413

■ 19.9895, 22.5063,
24.8539

■ 9.4703, 6.6149,
5.4796

■ 22.3929, 26.2023,
29.0789

■ 8.7602, 5.5929,
4.0155

■ 25.0446, 30.2930,
33.7020

■ 8.2158, 4.8291,
2.8322

■ 27.9517, 34.7894,
38.7333

■ 7.8232, 4.3000,
1.9115

■ 31.1207, 39.7025,
44.1824

■ 7.5596, 3.9651,
1.2305

■ 34.5579, 45.0424,
50.0587

■ 7.4579, 3.8306,
0.9844

■ 38.2695, 50.8193,
56.3714

Harmonies

Analogous

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



14.1081, 13.6649, 16.2303



14.1962, 13.6649, 14.4597



13.9526, 13.6649, 12.9257

Triad

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



14.1962, 13.6649, 14.4597



12.2869, 13.6649, 12.3419



12.5351, 13.6649, 18.2214

Complementary

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



14.1962, 13.6649, 14.4597



14.5447, 16.5904, 18.3561

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.



12.0691, 13.6649, 17.0192



14.1962, 13.6649, 14.4597



11.9290, 13.6649, 13.6044

Square

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



14.1962, 13.6649, 14.4597



12.8409, 13.6649, 11.7671



11.8505, 13.6649, 15.3058



13.1364, 13.6649, 18.4956

Rectangle

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



14.1962, 13.6649, 14.4597



13.6392, 13.6649, 12.2119



11.8505, 13.6649, 15.3058



12.3580, 13.6649, 17.9081

Sweetspot

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



14.1966, 13.6655, 14.4600



28.5528, 29.2250, 31.5855



14.6126, 13.7861, 18.7205



6.5238, 6.6569, 7.1880



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.1966, 13.6655, 14.4600



24.5613, 23.1692, 24.3132



14.6402, 14.7864, 13.8876



3.7066, 3.7099, 3.9815



8.2125, 4.2187, 1.0614



39.7997, 20.4700, 4.0086

Inverse Universe

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



14.1966, 13.6655, 14.4600



24.5613, 23.1692, 24.3132



14.0414, 15.3063, 19.0440



3.7066, 3.7099, 3.9815



8.2125, 4.2187, 1.0614



39.7997, 20.4700, 4.0086

Previews

White Background



This preview shows how the XYZ color 14.1962, 13.6649, 14.4597 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 14.1962, 13.6649, 14.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

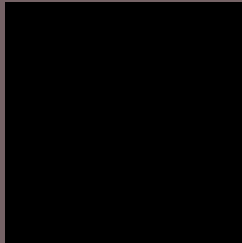
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1962, 13.6649, 14.4597

Background



This preview shows how black text looks on a background with the XYZ color 14.1962, 13.6649, 14.4597.



This preview shows how white text looks on a background with the XYZ color 14.1962, 13.6649,

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

14.1962, 13.6649, 14.4597

Protanopia

13.1746, 13.7032, 15.0473

Deuteranopia

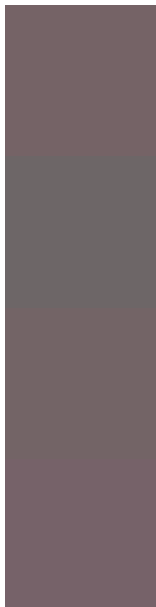
13.8949, 13.6511, 14.4730



Tritanopia

14.4404, 13.6275, 15.5050

Trichromacy



Original Color

14.1962, 13.6649, 14.4597

Protanomaly

13.5062, 13.7332, 14.7709

Deuteranomaly

14.0257, 13.7185, 14.4791

Tritanomaly

14.3887, 13.6068, 15.2326

Monochromacy



Original Color

14.1962, 13.6649, 14.4597

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6556, 13.9512, 15.0698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1962, 13.6649, 14.4597 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(117, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 102)  
}
```

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(117, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.1962, 13.6649, 14.4597 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(117, 99, 102) }
```


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

```
.border{ border-color:rgb(117, 99, 102) }
```

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

Here you see how a box with a 4 pixel rgb(117, 99, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(117, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1962, 13.6649, 14.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 102) }
```

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

```
.background{ background-color: rgb(117, 99,  
102) }
```

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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