

Converting Colors

XYZ(14.2115, 17.3809, 14.3358)

Have a look what the booklet for
XYZ(14.2115, 17.3809, 14.3358)
contains.

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Color

**XYZ(14.2487, 17.4166,
14.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	627A63
RGB	98, 122, 99
RGB Percent	38%, 48%, 39%
CMY	0.6157, 0.5216, 0.6118
CMYK	0.20, 0.00, 0.19, 0.52
HSL	122°, 11%, 43%
HSV	122°, 20%, 48%
XYZ	14.2487, 17.4166, 14.4151
YIQ	112.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

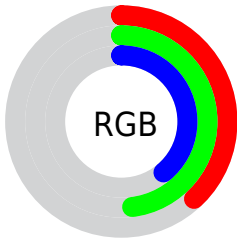
Format	Color
R_{YB}	98, 121, 122
Decimal	6453859
CIE _{Lab}	48.78, -13.61, 9.76
CIE _{LCh}	49, 16.750, 144.370
Yxy	17.4166, 0.3092, 0.3780
Android (android.graphics.Color)	4284643939 (0xFF627A63)
YUV	112.2020, -6.5086, -12.4552
Hunter-Lab	41.7332, -12.0890, 8.7338

Details

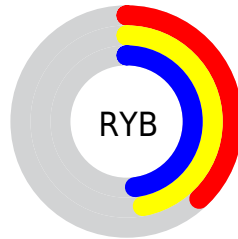
The XYZ color **14.2487, 17.4166, 14.4151** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.8456, 14.2539, 20.0062**, and the grayscale version is **15.4808, 16.2870, 17.7366**.

A 20% lighter version of the original color is **33.0355, 38.8637, 34.6144**, and **4.3676, 5.7168, 4.1221** is the 20% darker color. If you saturate the color by 10%, you get **12.5123, 16.5819, 11.6243**, and if you desaturate by 10%, it is **16.2677, 18.3886, 17.6424**.

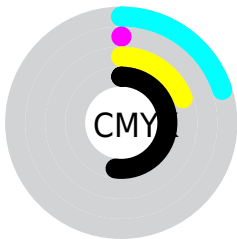
Distribution



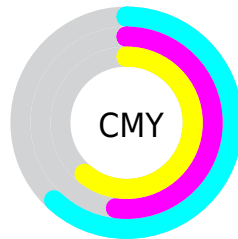
- Red (38%)
- Green (48%)
- Blue (39%)



- Red (38%)
- Yellow (47%)
- Blue (48%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2487, 17.4166, 14.4151 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 14.2487, 17.4166, 14.4151 by changing the saturation by 10% instead.

■ 14.2487, 17.4166,
14.4151

■ 14.2487, 17.4166,
14.4151

212.2523,
237.5618, 231.3156

■ 8.3767, 10.5320,
8.2679

■ 33.1123, 39.0407,
34.5514

■ 4.3907, 5.7531,
4.1766

■ 46.8345, 54.5489,
49.3776

■ 1.9255, 2.6955,
1.7227

■ 63.9042, 73.7005,
67.9339

■ 0.5916, 0.9749,
0.3762

■ 84.6868, 96.8797,
90.6389

■ 0.0000, 0.0000,
0.0000

109.5475,
124.4711, 117.9110

138.8518,

156.8590, 150.1688

172.9650,
194.4277, 187.8308

■ 14.2487, 17.4166,
14.4151

■ 14.2487, 17.4166,
14.4151

■ 12.5123, 16.5819,
11.6243

■ 16.2677, 18.3886,
17.6424

■ 11.0445, 15.8763,
9.2502

■ 18.5797, 19.5014,
21.3226

■ 9.8323, 15.2939,
7.2731

■ 21.1961, 20.7611,
25.4726

■ 8.8612, 14.8277,
5.6714

■ 24.1274, 22.1727,
30.1082

■ 8.1151, 14.4700,
4.4213

■ 27.3837, 23.7410,
35.2443

■ 7.5757, 14.2118,
3.4965

■ 30.9745, 25.4708,
40.8954

■ 7.2224, 14.0433,
2.8667

■ 34.9089, 27.3664,
47.0752

■ 6.9948, 13.9343,
2.4778

■ 39.1959, 29.4320,
53.7970

■ 6.9877, 13.9309,
2.4666

■ 43.8437, 31.6718,
61.0736

Harmonies

Analogous

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



15.3549, 17.4166, 12.2054



14.2487, 17.4166, 14.4151



13.7627, 17.4166, 18.1390

Triad

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



14.2487, 17.4166, 14.4151



16.2634, 17.4166, 28.7847



19.4186, 17.4166, 15.6565

Complementary

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



14.2487, 17.4166, 14.4151



15.8456, 14.2539, 20.0062

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.



19.6992, 17.4166, 19.8130



14.2487, 17.4166, 14.4151



17.8139, 17.4166, 27.8454

Square

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



14.2487, 17.4166, 14.4151



14.8785, 17.4166, 26.7781



19.0953, 17.4166, 24.3808



18.3508, 17.4166, 12.8400

Rectangle

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



14.2487, 17.4166, 14.4151



13.8325, 17.4166, 21.1610



19.0953, 17.4166, 24.3808



19.6108, 17.4166, 16.9240

Sweetspot

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



14.2492, 17.4173, 14.4155



29.9936, 33.0114, 33.2286



17.0781, 18.8812, 14.2999



6.8141, 7.5269, 7.5277



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.



14.2492, 17.4173, 14.4155



23.5079, 29.8907, 22.8574



14.8553, 17.6598, 17.6075



3.9570, 4.4524, 4.3075



7.3558, 14.6660, 2.5926



35.0095, 69.9268, 11.9542

Inverse Universe

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



15.8456, 14.2539, 20.0062



26.9003, 23.1677, 34.7376



15.1654, 13.9818, 16.4245



4.1476, 4.0748, 4.9750



11.8249, 5.7061, 18.1665



56.3252, 27.1864, 86.2313

Previews

White Background



This preview shows how the XYZ color 14.2487, 17.4166, 14.4151 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 14.2487, 17.4166, 14.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

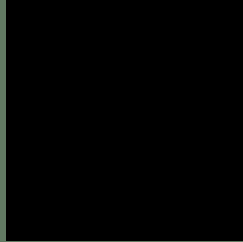
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2487, 17.4166, 14.4151

Background



This preview shows how black text looks on a background with the XYZ color 14.2487, 17.4166, 14.4151.



This preview shows how white text looks on a background with the XYZ color 14.2487, 17.4166,

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

14.2487, 17.4166, 14.4151

Protanopia

16.2681, 17.2436, 13.5373

Deuteranopia

17.5491, 17.2140, 14.7096



Tritanopia

15.9027, 17.3727, 22.5938

Trichromacy



Original Color

14.2487, 17.4166, 14.4151

Protanomaly

15.4462, 17.3306, 13.8403

Deuteranomaly

16.1767, 17.1746, 14.5190

Tritanomaly

15.1745, 17.2447, 19.3584

Monochromacy



Original Color

14.2487, 17.4166, 14.4151

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9626, 16.6781, 16.3405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2487, 17.4166, 14.4151 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, 122, 99) looks like.

```
.text, #text, p{  
    color:rgb(98, 122, 99)  
}
```

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, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 122, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.2487, 17.4166, 14.4151 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, 122, 99) }
```


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

```
.border{ border-color:rgb(98, 122, 99) }
```

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

Here you see how a box with a 4 pixel rgb(98, 122, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(98, 122,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2487, 17.4166, 14.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 122, 99) }
```

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

```
.background{ background-color: rgb(98, 122,  
99) }
```

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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