

Converting Colors

XYZ(14.3328, 15.6162, 17.5033)

Have a look what the booklet for
XYZ(14.3328, 15.6162, 17.5033)
contains.

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Color

**XYZ(14.4277, 15.7012,
17.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	687070
RGB	104, 112, 112
RGB Percent	41%, 44%, 44%
CMY	0.5922, 0.5608, 0.5608
CMYK	0.07, 0.00, 0.00, 0.56
HSL	180°, 4%, 42%
HSV	180°, 7%, 44%
XYZ	14.4277, 15.7012, 17.5995
YIQ	109.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

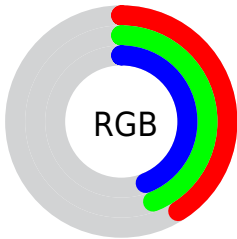
Format	Color
R_{YB}	104, 108, 112
Decimal	6844528
CIE _{Lab}	46.58, -3.02, -1.05
CIE _{LCh}	47, 3.198, 199.151
Yxy	15.7012, 0.3023, 0.3290
Android (android.graphics.Color)	4285034608 (0xFF687070)
YUV	109.6080, 1.1793, -4.9182
Hunter-Lab	39.6247, -4.3499, 1.4034

Details

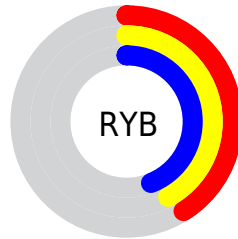
The XYZ color **14.4277, 15.7012, 17.5995** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1316, 14.3452, 15.1214**, and the grayscale version is **14.7069, 15.4728, 16.8498**.

A 20% lighter version of the original color is **33.4939, 36.1998, 40.3439**, and **4.4462, 4.9068, 5.5633** is the 20% darker color. If you saturate the color by 10%, you get **13.2131, 15.0755, 17.5424**, and if you desaturate by 10%, it is **15.8159, 16.4173, 17.6654**.

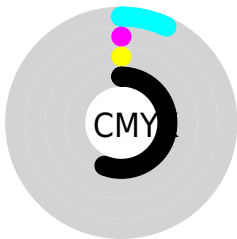
Distribution



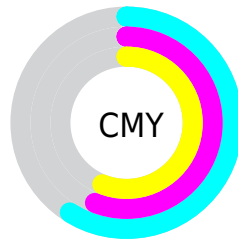
- Red (41%)
- Green (44%)
- Blue (44%)



- Red (41%)
- Yellow (42%)
- Blue (44%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4277, 15.7012, 17.5995 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 14.4277, 15.7012, 17.5995 by changing the saturation by 10% instead.

■ 14.4277, 15.7012,
17.5995

■ 14.4277, 15.7012,
17.5995

213.3334,
227.5720, 250.7637

■ 8.5024, 9.3130,
10.4964

■ 33.4260, 36.0787,
40.1584

■ 4.4726, 4.9459,
5.6194

■ 47.2297, 50.8367,
56.4512

■ 1.9728, 2.2155,
2.5501

■ 64.3903, 69.1535,
76.6443

■ 0.6186, 0.7284,
0.8665

■ 85.2730, 91.4134,
101.1563

■ 0.0000, 0.0000,
0.0000

110.2434,
118.0008, 130.4057

139.6666,

149.3001, 164.8111

173.9082,
185.6957, 204.7909

■ 14.4277, 15.7012,
17.5995

■ 14.4277, 15.7012,
17.5995

■ 13.2131, 15.0755,
17.5424

■ 15.8159, 16.4173,
17.6654

■ 12.1639, 14.5346,
17.4927

■ 17.3828, 17.2250,
17.7393

■ 11.2735, 14.0756,
17.4505

■ 19.1349, 18.1282,
17.8219

■ 10.5342, 13.6945,
17.4153

■ 21.0779, 19.1299,
17.9134

■ 9.9375, 13.3869,
17.3868

■ 23.2173, 20.2328,
18.0141

■ 9.4742, 13.1481,
17.3645

■ 25.5585, 21.4397,
18.1242

■ 9.1342, 12.9728,
17.3480

■ 28.1065, 22.7532,
18.2441

■ 8.9056, 12.8550,
17.3367

■ 30.8663, 24.1760,
18.3738

■ 8.7582, 12.7790,
17.3292

■ 33.8427, 25.7103,
18.5137

Harmonies

Analogous

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



14.4083, 15.7012, 16.8114



14.4277, 15.7012, 17.5995



14.5790, 15.7012, 18.2718

Triad

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



14.4277, 15.7012, 17.5995



15.3286, 15.7012, 18.1096



15.0236, 15.7012, 15.6460

Complementary

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



14.4277, 15.7012, 17.5995



14.1316, 14.3452, 15.1214

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.



15.2734, 15.7012, 15.9716



14.4277, 15.7012, 17.5995



15.4509, 15.7012, 17.3837

Square

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



14.4277, 15.7012, 17.5995



15.0983, 15.7012, 18.5725



15.4306, 15.7012, 16.6021



14.7501, 15.7012, 15.6998

Rectangle

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



14.4277, 15.7012, 17.5995



14.7354, 15.7012, 18.5563



15.4306, 15.7012, 16.6021



15.1132, 15.7012, 15.7143

Sweetspot

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



14.4281, 15.7019, 17.5998



26.5483, 28.2031, 30.9741



14.0177, 15.5395, 15.3575



6.3875, 6.7805, 7.4418



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.4281, 15.7019, 17.5998



24.8744, 27.3402, 30.8950



14.0106, 14.8666, 17.4611



3.4749, 3.8152, 4.3073



10.0782, 14.7488, 20.0304



50.2036, 73.4701, 99.7784

Inverse Universe

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



14.1316, 14.3452, 15.1214



24.2100, 24.3004, 25.3415



14.5298, 15.1418, 15.2538



3.3845, 3.4015, 3.5516



7.7251, 3.9824, 0.3621



38.4816, 19.8379, 1.8022

Previews

White Background



This preview shows how the XYZ color 14.4277, 15.7012, 17.5995 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 14.4277, 15.7012, 17.5995 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

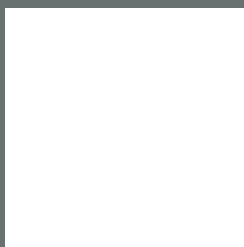
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4277, 15.7012, 17.5995

Background



This preview shows how black text looks on a background with the XYZ color 14.4277, 15.7012, 17.5995.



This preview shows how white text looks on a background with the XYZ color 14.4277, 15.7012,

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

14.4277, 15.7012, 17.5995

Protanopia

15.1273, 15.7443, 17.2806

Deuteranopia

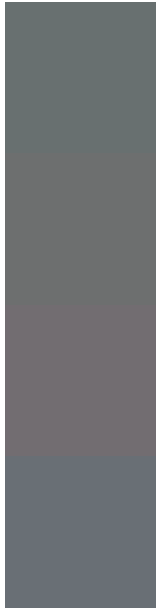
15.9841, 15.7007, 17.8109



Tritanopia

14.9003, 15.7282, 20.0198

Trichromacy



Original Color

14.4277, 15.7012, 17.5995

Protanomaly

14.8604, 15.7678, 17.2992

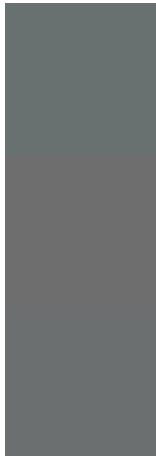
Deuteranomaly

15.3887, 15.7069, 17.8435

Tritanomaly

14.7210, 15.6565, 19.0757

Monochromacy



Original Color

14.4277, 15.7012, 17.5995

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7380, 15.7047, 17.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4277, 15.7012, 17.5995 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(104, 112, 112) looks like.

```
.text, #text, p{  
    color:rgb(104, 112, 112)  
}
```

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(104, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.4277, 15.7012, 17.5995 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(104, 112, 112) }
```


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

```
.border{ border-color:rgb(104, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(104, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4277, 15.7012, 17.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 112, 112) }
```

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

```
.background{ background-color: rgb(104,  
112, 112) }
```

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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