

Converting Colors

XYZ(12.6632, 13.9245, 17.9685)

Have a look what the booklet for
XYZ(12.6632, 13.9245, 17.9685)
contains.

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Color

**XYZ(12.7086, 14.0056,
17.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6B72
RGB	92, 107, 114
RGB Percent	36%, 42%, 45%
CMY	0.6392, 0.5804, 0.5529
CMYK	0.19, 0.06, 0.00, 0.55
HSL	199°, 11%, 40%
HSV	199°, 19%, 45%
XYZ	12.7086, 14.0056, 17.9531
YIQ	103.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

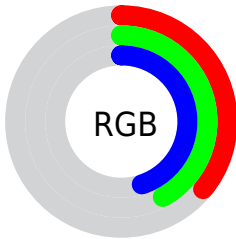
Format	Color
R _Y B	92, 101, 114
Decimal	6056818
CIE Lab	44.24, -3.98, -5.81
CIE LCh	44, 7.042, 235.550
Yxy	14.0056, 0.2845, 0.3136
Android (android.graphics.Color)	4284246898 (0xFF5C6B72)
YUV	103.3130, 5.2687, -9.9215
Hunter-Lab	37.4241, -4.8764, -2.2458

Details

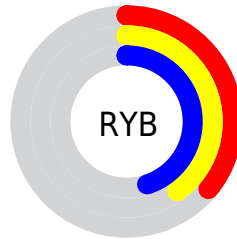
The XYZ color **12.7086, 14.0056, 17.9531** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3332, 13.2738, 11.9849**, and the grayscale version is **12.9639, 13.6391, 14.8530**.

A 20% lighter version of the original color is **30.2651, 32.9577, 40.8427**, and **3.7259, 4.2059, 5.7697** is the 20% darker color. If you saturate the color by 10%, you get **11.2843, 12.7221, 17.7807**, and if you desaturate by 10%, it is **14.3210, 15.4103, 18.1395**.

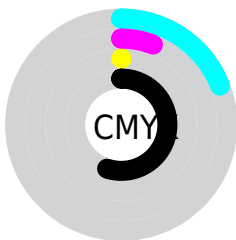
Distribution



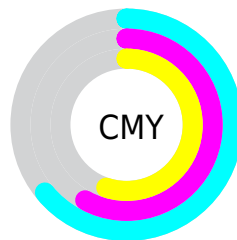
- Red (36%)
- Green (42%)
- Blue (45%)



- Red (36%)
- Yellow (40%)
- Blue (45%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (64%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.7086, 14.0056, 17.9531 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 12.7086, 14.0056, 17.9531 by changing the saturation by 10% instead.

■ 12.7086, 14.0056,
17.9531

■ 12.7086, 14.0056,
17.9531

202.7172,
217.2657, 252.8338

■ 7.3038, 8.1246,
10.7472

■ 30.3851, 33.0990,
40.7703

■ 3.7008, 4.1748,
5.7851

■ 43.3874, 47.0801,
57.2186

■ 1.5343, 1.7718,
2.6482

■ 59.6531, 64.5300,
77.5849

■ 0.3490, 0.4695,
0.9172

■ 79.5473, 85.8331,
102.2876

■ 0.0000, 0.0000,
0.0000

103.4354,
111.3739, 131.7453

131.6829,

141.5366, 166.3766

164.6550,
176.7057, 206.5999

■ 12.7086, 14.0056,
17.9531

■ 12.7086, 14.0056,
17.9531

■ 11.2843, 12.7221,
17.7807

■ 14.3210, 15.4103,
18.1395

■ 10.0390, 11.5538,
17.6208

■ 16.1276, 16.9387,
18.3393

■ 8.9648, 10.4966,
17.4734

■ 18.1358, 18.5950,
18.5531

■ 8.0524, 9.5456,
17.3379

■ 20.3521, 20.3830,
18.7814

■ 7.2920, 8.6953,
17.2138

■ 22.7828, 22.3061,
19.0245

■ 6.6722, 7.9396,
17.1006

■ 25.4339, 24.3678,
19.2827

■ 6.1802, 7.2714,
16.9976

■ 28.3112, 26.5712,
19.5564

■ 5.7710, 6.6674,
16.9026

■ 31.4201, 28.9195,
19.8458

■ 5.7429, 6.6261,
16.8961

■ 34.7661, 31.4157,
20.1512

Harmonies

Analogous

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



12.3585, 14.0056, 16.6270



12.7086, 14.0056, 17.9531



13.2280, 14.0056, 18.5558

Triad

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



12.7086, 14.0056, 17.9531



14.4211, 14.0056, 15.4916



12.8502, 14.0056, 12.6190

Complementary

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



12.7086, 14.0056, 17.9531



13.3332, 13.2738, 11.9849

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.



13.3961, 14.0056, 12.3617



12.7086, 14.0056, 17.9531



14.3131, 14.0056, 13.9507

Square

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



12.7086, 14.0056, 17.9531



14.2251, 14.0056, 17.0725



13.9340, 14.0056, 12.8323



12.4386, 14.0056, 13.5616

Rectangle

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



12.7086, 14.0056, 17.9531



13.6044, 14.0056, 18.4373



13.9340, 14.0056, 12.8323



13.0237, 14.0056, 12.4525

Sweetspot

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



12.7090, 14.0062, 17.9534



26.1264, 27.9005, 31.9838



12.6818, 15.2104, 14.0638



6.0096, 6.4247, 7.3931



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.



12.7090, 14.0062, 17.9534



21.2184, 23.6182, 31.4159



11.6371, 11.8624, 17.5961



3.3898, 3.6449, 4.2791



6.3775, 7.3454, 18.8033



30.9679, 34.9878, 93.4003

Inverse Universe

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



13.4208, 12.2936, 15.5761



22.7198, 20.1032, 26.3793



14.4438, 15.4950, 12.3551



3.4714, 3.4363, 4.0093



9.2374, 4.5873, 8.3261



45.6112, 22.6898, 39.3461

Previews

White Background



This preview shows how the XYZ color 12.7086, 14.0056, 17.9531 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 12.7086, 14.0056, 17.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

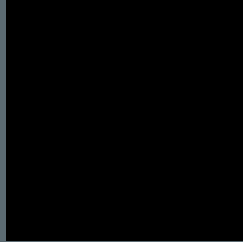
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

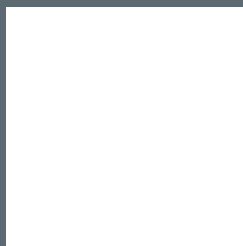
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.7086, 14.0056, 17.9531

Background



This preview shows how black text looks on a background with the XYZ color 12.7086, 14.0056, 17.9531.



This preview shows how white text looks on a background with the XYZ color 12.7086, 14.0056,

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

12.7086, 14.0056, 17.9531

Protanopia

13.5839, 14.0135, 17.3182

Deuteranopia

14.2763, 14.0555, 18.1802



Tritanopia

12.7658, 14.0285, 18.2546

Trichromacy



Original Color

12.7086, 14.0056, 17.9531

Protanomaly

13.2877, 14.0047, 17.6256

Deuteranomaly

13.6383, 14.0220, 18.2074

Tritanomaly

12.7658, 14.0285, 18.2546

Monochromacy



Original Color

12.7086, 14.0056, 17.9531

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.7497, 13.6148, 15.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.7086, 14.0056, 17.9531 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(92, 107, 114) looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 114)  
}
```

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(92, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 114) }
```

Border

The CSS property to change the border of an element to XYZ 12.7086, 14.0056, 17.9531 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(92, 107, 114) }
```


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

```
.border{ border-color:rgb(92, 107, 114) }
```

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

Here you see how a box with a 4 pixel rgb(92, 107, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 12.7086, 14.0056, 17.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 114) }
```

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

```
.background{ background-color: rgb(92, 107,  
114) }
```

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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