

Converting Colors

XYZ(13.0721, 15.0052, 17.4270)

Have a look what the booklet for
XYZ(13.0721, 15.0052, 17.4270)
contains.

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Color

**XYZ(13.1324, 15.0335,
17.5388)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7070
RGB	92, 112, 112
RGB Percent	36%, 44%, 44%
CMY	0.6392, 0.5608, 0.5608
CMYK	0.18, 0.00, 0.00, 0.56
HSL	180°, 10%, 40%
HSV	180°, 18%, 44%
XYZ	13.1324, 15.0335, 17.5388
YIQ	106.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

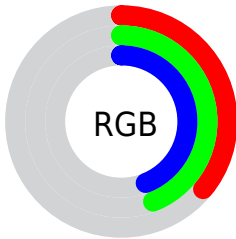
Format	Color
R_{YB}	92, 102, 112
Decimal	6058096
CIE _{Lab}	45.68, -7.38, -2.48
CIE _{LCh}	46, 7.780, 198.553
Yxy	15.0335, 0.2873, 0.3289
Android (android.graphics.Color)	4284248176 (0xFF5C7070)
YUV	106.0200, 2.9481, -12.2955
Hunter-Lab	38.7731, -7.3951, 0.3216

Details

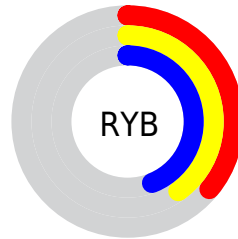
The XYZ color **13.1324, 15.0335, 17.5388** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4415, 11.8721, 11.7616**, and the grayscale version is **13.6999, 14.4134, 15.6962**.

A 20% lighter version of the original color is **31.3040, 35.0709, 40.2414**, and **3.8855, 4.6178, 5.5370** is the 20% darker color. If you saturate the color by 10%, you get **12.0953, 14.4993, 17.4903**, and if you desaturate by 10%, it is **14.3358, 15.6543, 17.5957**.

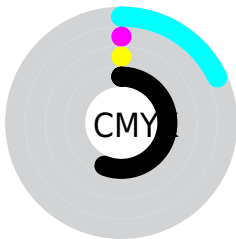
Distribution



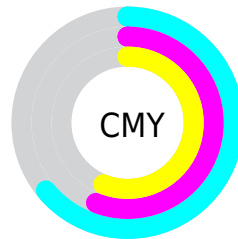
- Red (36%)
- Green (44%)
- Blue (44%)



- Red (36%)
- Yellow (40%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1324, 15.0335, 17.5388 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 13.1324, 15.0335, 17.5388 by changing the saturation by 10% instead.

■ 13.1324, 15.0335,
17.5388

■ 13.1324, 15.0335,
17.5388

205.3850,
223.5689, 250.4067

■ 7.5974, 8.8429,
10.4534

■ 31.1407, 34.9119,
40.0531

■ 3.8881, 4.6389,
5.5911

■ 44.3448, 49.3686,
56.3191

■ 1.6390, 2.0370,
2.5333

■ 60.8359, 67.3493,
76.4824

■ 0.4176, 0.6288,
0.8577

■ 80.9795, 89.2386,
100.9615

■ 0.0000, 0.0000,
0.0000

105.1408,
115.4208, 130.1749

133.6852,

146.2803, 164.5412

166.9782,
182.2016, 204.4790

■ 13.1324, 15.0335,
17.5388

■ 13.1324, 15.0335,
17.5388

■ 12.0953, 14.4993,
17.4903

■ 14.3358, 15.6543,
17.5957

■ 11.2161, 14.0460,
17.4488

■ 15.7110, 16.3632,
17.6604

■ 10.4872, 13.6703,
17.4144

■ 17.2648, 17.1642,
17.7334

■ 9.9004, 13.3678,
17.3867

■ 19.0034, 18.0605,
17.8151

■ 9.4464, 13.1337,
17.3651

■ 20.9325, 19.0550,
17.9056

■ 9.1147, 12.9628,
17.3493

■ 23.0577, 20.1505,
18.0054

■ 8.8937, 12.8488,
17.3387

■ 25.3843, 21.3499,
18.1146

■ 8.7487, 12.7741,
17.3316

■ 27.9173, 22.6557,
18.2334

■ 8.7186, 12.7586,
17.3301

■ 30.6618, 24.0706,
18.3622

Harmonies

Analogous

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



13.0944, 15.0335, 15.6663



13.1324, 15.0335, 17.5388



13.4746, 15.0335, 19.2121

Triad

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



13.1324, 15.0335, 17.5388



15.2499, 15.0335, 18.8638



14.5393, 15.0335, 13.0944

Complementary

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



13.1324, 15.0335, 17.5388



12.4415, 11.8721, 11.7616

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.



15.1354, 15.0335, 13.8211



13.1324, 15.0335, 17.5388



15.5539, 15.0335, 17.0923

Square

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



13.1324, 15.0335, 17.5388



14.6917, 15.0335, 20.0163



15.5114, 15.0335, 15.2523



13.8935, 15.0335, 13.1940

Rectangle

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



13.1324, 15.0335, 17.5388



13.8351, 15.0335, 19.9454



15.5114, 15.0335, 15.2523



14.7525, 15.0335, 13.2478

Sweetspot

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



13.1328, 15.0341, 17.5391



25.8117, 27.8234, 30.9395



12.1733, 14.6542, 12.3123



6.1706, 6.6687, 7.4316



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.



13.1328, 15.0341, 17.5391



22.3641, 26.0461, 30.7773



12.1229, 13.0140, 17.2030



3.4750, 3.8152, 4.3074



10.0788, 14.7490, 20.0338



50.2070, 73.4714, 99.7960

Inverse Universe

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



12.4415, 11.8721, 11.7616



20.9345, 19.5074, 18.8301



13.3331, 13.6553, 12.0584



3.3845, 3.4015, 3.5516



7.7250, 3.9824, 0.3618



38.4815, 19.8379, 1.8015

Previews

White Background



This preview shows how the XYZ color 13.1324, 15.0335, 17.5388 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 13.1324, 15.0335, 17.5388 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

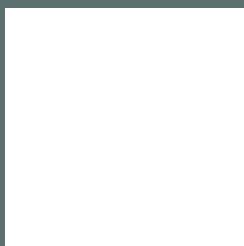
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.1324, 15.0335, 17.5388

Background



This preview shows how black text looks on a background with the XYZ color 13.1324, 15.0335, 17.5388.



This preview shows how white text looks on a background with the XYZ color 13.1324, 15.0335,

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

13.1324, 15.0335, 17.5388

Protanopia

14.3247, 14.8707, 16.5833

Deuteranopia

15.2347, 15.0084, 17.7167



Tritanopia

13.5888, 15.0521, 19.9584

Trichromacy



Original Color

13.1324, 15.0335, 17.5388

Protanomaly

13.8766, 14.9466, 16.9055

Deuteranomaly

14.4066, 15.0432, 17.7671

Tritanomaly

13.4095, 14.9804, 19.0144

Monochromacy



Original Color

13.1324, 15.0335, 17.5388

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.4362, 14.5745, 16.2924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1324, 15.0335, 17.5388 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, 112, 112) looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.1324, 15.0335, 17.5388 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, 112, 112) }
```


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

```
.border{ border-color:rgb(92, 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(92, 112, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1324, 15.0335, 17.5388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 112) }
```

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

```
.background{ background-color: rgb(92, 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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