

Converting Colors

XYZ(14.4284, 16.5616, 23.7794)

Have a look what the booklet for
XYZ(14.4284, 16.5616, 23.7794)
contains.

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Color

**XYZ(14.5056, 16.6218,
23.9165)**

Conversions

Conversions Part 1

Format	Color
Hex	577683
RGB	87, 118, 131
RGB Percent	34%, 46%, 51%
CMY	0.6588, 0.5372, 0.4863
CMYK	0.34, 0.10, 0.00, 0.49
HSL	198°, 20%, 43%
HSV	198°, 34%, 51%
XYZ	14.5056, 16.6218, 23.9165
YIQ	110.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

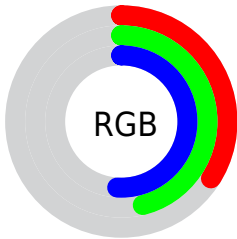
Format	Color
RYB	87, 105, 131
Decimal	5731971
CIELab	47.78, -7.71, -10.71
CIElCh	48, 13.197, 234.230
Yxy	16.6218, 0.2635, 0.3020
Android (android.graphics.Color)	4283922051 (0xFF577683)
YUV	110.2130, 10.2480, -20.3578
Hunter-Lab	40.7698, -7.8383, -6.2419

Details

The XYZ color **14.5056, 16.6218, 23.9165** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6377, 14.6278, 11.0164**, and the grayscale version is **14.8587, 15.6325, 17.0238**.

A 20% lighter version of the original color is **33.5077, 37.6134, 50.8415**, and **4.5498, 5.4208, 8.7892** is the 20% darker color. If you saturate the color by 10%, you get **12.9455, 15.1552, 23.7159**, and if you desaturate by 10%, it is **16.3074, 18.2416, 24.1345**.

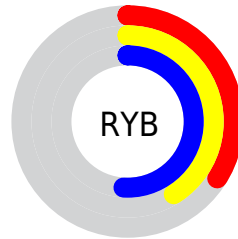
Distribution



Red (34%)

Green (46%)

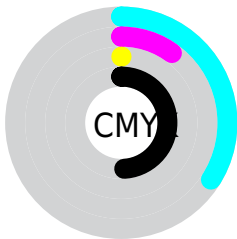
Blue (51%)



Red (34%)

Yellow (41%)

Blue (51%)

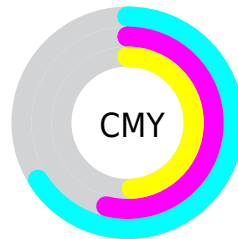


Cyan (34%)

Magenta (10%)

Yellow (0%)

Black (49%)



Cyan (66%)

Magenta (54%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5056, 16.6218, 23.9165 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 14.5056, 16.6218, 23.9165 by changing the saturation by 10% instead.

■ 14.5056, 16.6218,
23.9165

■ 14.5056, 16.6218,
23.9165

213.8022,
232.9834, 285.6710

■ 8.5572, 9.9652,
15.0601

■ 33.5623, 37.6744,
50.8360

■ 4.5083, 5.3759,
8.7145

■ 47.4013, 52.8391,
69.7362

■ 1.9935, 2.4695,
4.4611

■ 64.6013, 71.6088,
92.8214

■ 0.6303, 0.8613,
1.8816

■ 85.5275, 94.3676,
120.5101

■ 0.0000, 0.0000,
0.4810

■ 110.5453,
121.5001, 153.2208

■ 0.0000, 0.0000,
0.0000

140.0201,

153.3906, 191.3722

174.3173,
190.4236, 235.3828

■ 14.5056, 16.6218,
23.9165

■ 14.5056, 16.6218,
23.9165

■ 12.9455, 15.1552,
23.7159

■ 16.3074, 18.2416,
24.1345

■ 11.6133, 13.8331,
23.5309

■ 18.3608, 20.0187,
24.3693

■ 10.4962, 12.6490,
23.3613

■ 20.6767, 21.9597,
24.6218

■ 9.5793, 11.5949,
23.2061

■ 23.2652, 24.0698,
24.8927

■ 8.8457, 10.6616,
23.0647

■ 26.1356, 26.3543,
25.1824

■ 8.2746, 9.8382,
22.9358

■ 29.2970, 28.8182,
25.4913

■ 7.9500, 9.3452,
22.8578

■ 32.7579, 31.4660,
25.8200

■ 36.5264, 34.3024,
26.1689

■ 40.6104, 37.3316,
26.5383

Harmonies

Analogous

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



13.8133, 16.6218, 20.9063



14.5056, 16.6218, 23.9165



15.5709, 16.6218, 25.3859

Triad

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



14.5056, 16.6218, 23.9165



18.1720, 16.6218, 18.7613



14.8831, 16.6218, 12.7830

Complementary

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



14.5056, 16.6218, 23.9165



15.6377, 14.6278, 11.0164

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.



16.0284, 16.6218, 12.3588



14.5056, 16.6218, 23.9165



17.9654, 16.6218, 15.5538

Square

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



14.5056, 16.6218, 23.9165



17.7173, 16.6218, 22.1804



17.1661, 16.6218, 13.3097



14.0235, 16.6218, 14.5505

Rectangle

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



14.5056, 16.6218, 23.9165



16.3644, 16.6218, 25.1774



17.1661, 16.6218, 13.3097



15.2458, 16.6218, 12.4887

Sweetspot

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



14.5061, 16.6225, 23.9169



34.2185, 36.9823, 43.7879



14.3216, 19.1689, 14.8671



7.8535, 8.5147, 10.1823



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5061, 16.6225, 23.9169



23.8860, 27.8135, 42.5628



12.2592, 12.1286, 23.1679



4.6885, 5.0527, 5.9289



7.8279, 9.2035, 22.5006



0.0335, 0.0446, 0.0801

Inverse Universe

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



16.0386, 12.9500, 18.7946



27.1220, 20.4678, 31.6552



17.9749, 19.3021, 11.7954



4.8008, 4.7400, 5.5635



11.1293, 5.5160, 10.5189



0.0418, 0.0204, 0.0533

Previews

White Background



This preview shows how the XYZ color 14.5056, 16.6218, 23.9165 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 14.5056, 16.6218, 23.9165 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

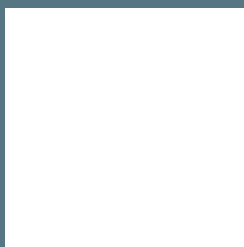
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5056, 16.6218, 23.9165

Background



This preview shows how black text looks on a background with the XYZ color 14.5056, 16.6218, 23.9165.

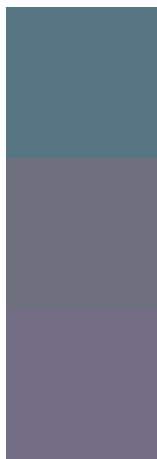


This preview shows how white text looks on a background with the XYZ color 14.5056, 16.6218,

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

14.5056, 16.6218, 23.9165

Protanopia

16.1805, 16.5002, 22.4107

Deuteranopia

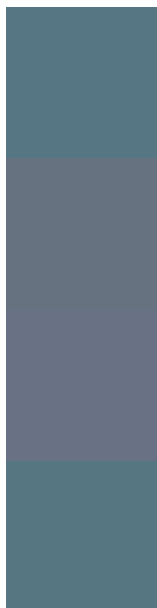
16.8798, 16.4902, 24.4836



Tritanopia

14.2125, 16.4938, 22.8566

Trichromacy



Original Color

14.5056, 16.6218, 23.9165

Protanomaly

15.3931, 16.4179, 22.7797

Deuteranomaly

15.8957, 16.4795, 24.1729

Tritanomaly

14.2786, 16.5203, 23.2050

Monochromacy



Original Color

14.5056, 16.6218, 23.9165

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6546, 15.9430, 19.4445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5056, 16.6218, 23.9165 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(87, 118, 131)` looks like.

```
.text, #text, p{  
    color:rgb(87, 118, 131)  
}
```

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(87, 118, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 118, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.5056, 16.6218, 23.9165 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(87, 118, 131) }
```


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

```
.border{ border-color:rgb(87, 118, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 118, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 118, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 118, 131);  
box-shadow:4px 4px 4px 4px rgb(87, 118,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5056, 16.6218, 23.9165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 118, 131) }
```

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

```
.background{ background-color: rgb(87, 118,  
131) }
```

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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