

Converting Colors

XYZ(16.2123, 16.5256, 22.5852)

Have a look what the booklet for
XYZ(16.2123, 16.5256, 22.5852)
contains.

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Color

**XYZ(16.2460, 16.5264,
22.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7080
RGB	111, 112, 128
RGB Percent	44%, 44%, 50%
CMY	0.5647, 0.5608, 0.4980
CMYK	0.13, 0.12, 0.00, 0.50
HSL	236°, 7%, 47%
HSV	236°, 13%, 50%
XYZ	16.2460, 16.5264, 22.7557
YIQ	113.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

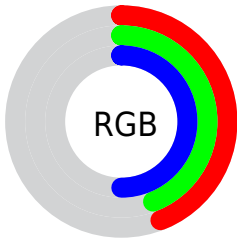
Format	Color
R_{YB}	111, 112, 128
Decimal	7303296
CIE Lab	47.66, 3.10, -8.93
CIE LCh	48, 9.455, 289.128
Yxy	16.5264, 0.2926, 0.2976
Android (android.graphics.Color)	4285493376 (0xFF6F7080)
YUV	113.5250, 7.1362, -2.2144
Hunter-Lab	40.6527, 0.1916, -4.7312

Details

The XYZ color **16.2460, 16.5264, 22.7557** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3607, 20.9154, 18.0559**, and the grayscale version is **15.8332, 16.6578, 18.1403**.

A 20% lighter version of the original color is **36.7202, 37.6736, 49.0524**, and **5.2946, 5.2881, 8.1388** is the 20% darker color. If you saturate the color by 10%, you get **13.5081, 13.2725, 22.2722**, and if you desaturate by 10%, it is **19.3935, 20.2563, 23.3100**.

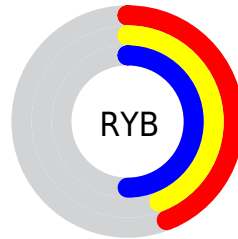
Distribution



Red (44%)

Green (44%)

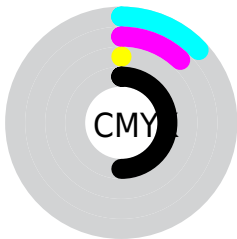
Blue (50%)



Red (44%)

Yellow (44%)

Blue (50%)

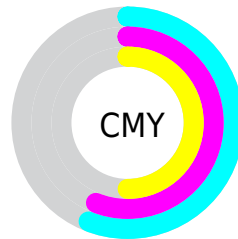


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2460, 16.5264, 22.7557 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 16.2460, 16.5264, 22.7557 by changing the saturation by 10% instead.

■ 16.2460, 16.5264,
22.7557

■ 16.2460, 16.5264,
22.7557

224.0309,
232.4282, 279.5489

■ 9.7903, 9.8974,
14.2096

■ 36.5788, 37.5097,
48.9100

■ 5.3214, 5.3310,
8.1262

■ 51.1866, 52.6328,
67.3552

■ 2.4737, 2.4427,
4.0869

■ 69.2425, 71.3560,
89.9373

■ 0.8820, 0.8478,
1.6731

■ 91.1118, 94.0637,
117.0748

■ 0.0000, 0.0000,
0.3422

117.1600,
121.1405, 149.1861

■ 0.0000, 0.0000,
0.0000

147.7523,

152.9705, 186.6899

183.2542,
189.9383, 230.0046

■ 16.2460, 16.5264,
22.7557

■ 16.2460, 16.5264,
22.7557

■ 13.5081, 13.2725,
22.2722

■ 19.3935, 20.2563,
23.3100

■ 11.1616, 10.4736,
21.8556

■ 22.9651, 24.4782,
23.9367

■ 9.1890, 8.1099,
21.5033

■ 26.9760, 29.2097,
24.6386

■ 7.5711, 6.1595,
21.2122

■ 31.4406, 34.4671,
25.4180

■ 6.2866, 4.5988,
20.9786

■ 36.3725, 40.2659,
26.2774

■ 5.3123, 3.4014,
20.7988

■ 41.7846, 46.6210,
27.2188

■ 4.6219, 2.5379,
20.6686

■ 47.6896, 53.5466,
28.2443

■ 4.1839, 1.9740,
20.5828

■ 54.0994, 61.0566,
29.3561

■ 3.9782, 1.7223,
20.5451

■ 61.0258, 69.1642,
30.5559

Harmonies

Analogous

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



15.4035, 16.5264, 22.9590



16.2460, 16.5264, 22.7557



16.9681, 16.5264, 21.2125

Triad

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



16.2460, 16.5264, 22.7557



16.7946, 16.5264, 14.7018



14.1665, 16.5264, 17.1314

Complementary

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



16.2460, 16.5264, 22.7557



19.3607, 20.9154, 18.0559

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.



14.5116, 16.5264, 15.1195



16.2460, 16.5264, 22.7557



16.0161, 16.5264, 13.8027

Square

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



16.2460, 16.5264, 22.7557



17.2926, 16.5264, 16.5131



15.1817, 16.5264, 13.9485



14.2230, 16.5264, 19.5618

Rectangle

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



16.2460, 16.5264, 22.7557



17.2746, 16.5264, 19.7028



15.1817, 16.5264, 13.9485



14.2389, 16.5264, 16.3878

Sweetspot

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



16.2465, 16.5271, 22.7561



33.6681, 35.0995, 40.9567



18.0971, 20.3469, 23.0069



7.7922, 8.1107, 9.5732



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



16.2465, 16.5271, 22.7561



27.0403, 27.2415, 39.7892



17.1021, 16.8050, 22.7646



4.1276, 4.2493, 5.4159



3.9450, 1.7085, 20.3718



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5115, 17.1283, 17.7132



29.7318, 28.5288, 29.0582



18.4225, 20.6248, 18.0493



4.3373, 4.3481, 4.5805



8.8682, 4.5670, 0.6299



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2460, 16.5264, 22.7557 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 16.2460, 16.5264, 22.7557 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

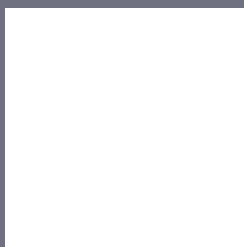
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2460, 16.5264, 22.7557

Background



This preview shows how black text looks on a background with the XYZ color 16.2460, 16.5264, 22.7557.



This preview shows how white text looks on a background with the XYZ color 16.2460, 16.5264,

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

16.2460, 16.5264, 22.7557

Protanopia

16.2460, 16.5264, 22.7557

Deuteranopia

16.8083, 16.4923, 22.7195



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

16.2460, 16.5264, 22.7557

Protanomaly

16.2460, 16.5264, 22.7557

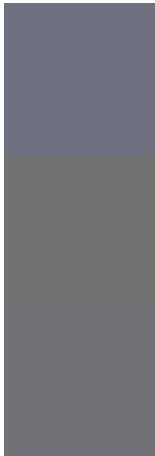
Deuteranomaly

16.6510, 16.5722, 22.7432

Tritanomaly

15.9736, 16.5805, 21.4272

Monochromacy



Original Color

16.2460, 16.5264, 22.7557

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0450, 16.6529, 19.8214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2460, 16.5264, 22.7557 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(111, 112, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 128)  
}
```

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(111, 112, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 128) }
```

Border

The CSS property to change the border of an element to XYZ 16.2460, 16.5264, 22.7557 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(111, 112, 128) }
```


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

```
.border{ border-color:rgb(111, 112, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2460, 16.5264, 22.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 128) }
```

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

```
.background{ background-color: rgb(111,  
112, 128) }
```

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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