

Converting Colors

XYZ(14.4459, 14.5417, 20.8417)

Have a look what the booklet for
XYZ(14.4459, 14.5417, 20.8417)
contains.

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Color

**XYZ(14.4524, 14.5365,
20.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	69697B
RGB	105, 105, 123
RGB Percent	41%, 41%, 48%
CMY	0.5882, 0.5882, 0.5176
CMYK	0.15, 0.15, 0.00, 0.52
HSL	240°, 8%, 45%
HSV	240°, 15%, 48%
XYZ	14.4524, 14.5365, 20.7830
YIQ	107.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

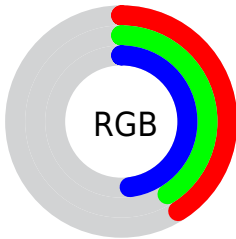
Format	Color
R_{YB}	105, 105, 123
Decimal	6908283
CIE Lab	44.99, 3.97, -9.99
CIE LCh	45, 10.755, 291.679
Yxy	14.5365, 0.2904, 0.2921
Android (android.graphics.Color)	4285098363 (0xFF69697B)
YUV	107.0520, 7.8624, -1.7996
Hunter-Lab	38.1268, 0.9407, -5.6304

Details

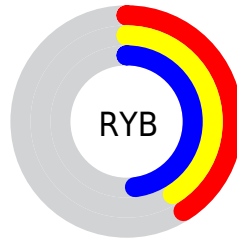
The XYZ color **14.4524, 14.5365, 20.7830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8011, 19.3965, 16.1705**, and the grayscale version is **13.9699, 14.6975, 16.0055**.

A 20% lighter version of the original color is **33.3366, 33.9400, 45.3515**, and **4.4940, 4.4201, 7.0949** is the 20% darker color. If you saturate the color by 10%, you get **11.9476, 11.5185, 20.3327**, and if you desaturate by 10%, it is **17.3483, 18.0258, 21.3041**.

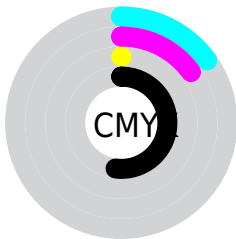
Distribution



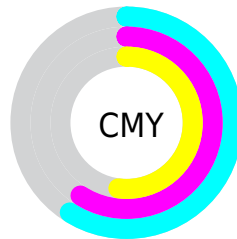
- Red (41%)
- Green (41%)
- Blue (48%)



- Red (41%)
- Yellow (41%)
- Blue (48%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (59%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4524, 14.5365, 20.7830 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 14.4524, 14.5365, 20.7830 by changing the saturation by 10% instead.

■ 14.4524, 14.5365,
20.7830

■ 14.4524, 14.5365,
20.7830

213.4821,
220.5434, 268.8661

■ 8.5198, 8.4947,
12.7758

■ 33.4692, 34.0380,
45.6022

■ 4.4839, 4.4131,
7.1454

■ 47.2841, 48.2665,
63.2513

■ 1.9794, 1.9072,
3.4734

■ 64.4572, 65.9927,
84.9513

■ 0.6223, 0.5527,
1.3411

■ 85.3538, 87.6011,
111.1210

■ 0.0000, 0.0000,
0.0952

110.3392,
113.4759, 142.1787

■ 0.0000, 0.0000,
0.0000

139.7788,

144.0016, 178.5432

174.0380,
179.5627, 220.6327

■ 14.4524, 14.5365,
20.7830

■ 14.4524, 14.5365,
20.7830

■ 11.9476, 11.5185,
20.3327

■ 17.3483, 18.0258,
21.3041

■ 9.8158, 8.9499,
19.9493

■ 20.6495, 22.0035,
21.8979

■ 8.0397, 6.8098,
19.6298

■ 24.3715, 26.4880,
22.5673

■ 6.5998, 5.0749,
19.3708

■ 28.5281, 31.4963,
23.3149

■ 5.4751, 3.7196,
19.1685

■ 33.1329, 37.0445,
24.1431

■ 4.6418, 2.7155,
19.0186

■ 38.1987, 43.1481,
25.0543

■ 4.0732, 2.0303,
18.9163

■ 43.7377, 49.8219,
26.0505

■ 3.7296, 1.6162,
18.8545

■ 49.7619, 57.0803,
27.1340

■ 3.5754, 1.4304,
18.8268

■ 56.2826, 64.9369,
28.3068

Harmonies

Analogous

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



13.5726, 14.5365, 21.1355



14.4524, 14.5365, 20.7830



15.1900, 14.5365, 19.0340

Triad

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



14.4524, 14.5365, 20.7830



14.8948, 14.5365, 12.3154



12.2057, 14.5365, 15.1353

Complementary

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



14.4524, 14.5365, 20.7830



17.8011, 19.3965, 16.1705

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.



12.5284, 14.5365, 13.0035



14.4524, 14.5365, 20.7830



14.0634, 14.5365, 11.4925

Square

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



14.4524, 14.5365, 20.7830



15.4529, 14.5365, 14.1008



13.1995, 14.5365, 11.7303



12.2999, 14.5365, 17.6903

Rectangle

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



14.4524, 14.5365, 20.7830



15.4895, 14.5365, 17.4039



13.1995, 14.5365, 11.7303



12.2685, 14.5365, 14.3498

Sweetspot

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



14.4528, 14.5371, 20.7833



31.3640, 32.6384, 38.2034



16.4653, 18.5920, 21.3616



7.3009, 7.5835, 8.9820



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.4528, 14.5371, 20.7833



24.0918, 23.8760, 36.8954



15.5274, 15.0907, 20.8336



3.7977, 3.8936, 4.9946



3.6986, 1.4797, 19.4760



17.6424, 7.0575, 92.9022

Inverse Universe

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



15.7701, 15.3343, 15.4940



26.9894, 25.6297, 25.2599



16.6115, 18.7836, 16.1149



3.9983, 4.0151, 4.1888



8.4502, 4.3562, 0.3959



40.3082, 20.7796, 1.8872

Previews

White Background



This preview shows how the XYZ color 14.4524, 14.5365, 20.7830 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 14.4524, 14.5365, 20.7830 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

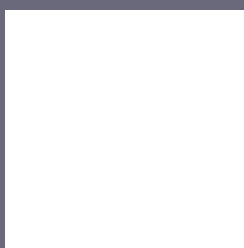
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4524, 14.5365, 20.7830

Background



This preview shows how black text looks on a background with the XYZ color 14.4524, 14.5365, 20.7830.

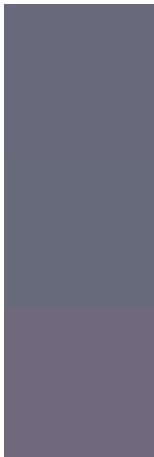


This preview shows how white text looks on a background with the XYZ color 14.4524, 14.5365,

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

14.4524, 14.5365, 20.7830

Protanopia

14.3227, 14.6217, 20.8063

Deuteranopia

14.8321, 14.5819, 20.7717



Tritanopia

13.9575, 14.4889, 18.2807

Trichromacy



Original Color

14.4524, 14.5365, 20.7830

Protanomaly

14.4381, 14.6812, 20.8117

Deuteranomaly

14.7098, 14.5188, 20.7660

Tritanomaly

14.1330, 14.5591, 19.2048

Monochromacy



Original Color

14.4524, 14.5365, 20.7830

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0785, 14.5645, 17.6920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4524, 14.5365, 20.7830 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(105, 105, 123)` looks like.

```
.text, #text, p{  
    color:rgb(105, 105, 123)  
}
```

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(105, 105, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 105, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.4524, 14.5365, 20.7830 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(105, 105, 123) }
```


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

```
.border{ border-color:rgb(105, 105, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 105, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 105, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 105, 123); box-shadow:4px 4px 4px 4px rgb(105, 105, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4524, 14.5365, 20.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 105, 123) }
```

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

```
.background{ background-color: rgb(105,  
105, 123) }
```

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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