

Converting Colors

XYZ(15.0176, 14.9281, 25.4814)

Have a look what the booklet for
XYZ(15.0176, 14.9281, 25.4814)
contains.

XYZ(14.9648, 14.8523, 25.3706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9648, 14.8523,
25.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	656A88
RGB	101, 106, 136
RGB Percent	40%, 42%, 53%
CMY	0.6039, 0.5843, 0.4667
CMYK	0.26, 0.22, 0.00, 0.47
HSL	231°, 15%, 46%
HSV	231°, 26%, 53%
XYZ	14.9648, 14.8523, 25.3706
YIQ	107.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

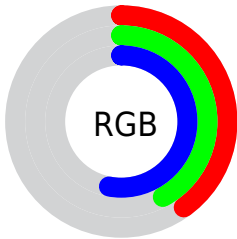
Format	Color
R_{YB}	101, 105, 136
Decimal	6646408
CIE Lab	45.43, 5.20, -17.15
CIE LCh	45, 17.925, 286.864
Yxy	14.8523, 0.2712, 0.2691
Android (android.graphics.Color)	4284836488 (0xFF656A88)
YUV	107.9250, 13.8410, -6.0732
Hunter-Lab	38.5387, 1.8699, -12.0544

Details

The XYZ color **14.9648, 14.8523, 25.3706** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.6189, 22.4067, 15.5506**, and the grayscale version is **14.1982, 14.9376, 16.2671**.

A 20% lighter version of the original color is **34.3791, 34.5604, 53.0030**, and **4.7119, 4.5567, 9.4353** is the 20% darker color. If you saturate the color by 10%, you get **12.4455, 11.8901, 24.9319**, and if you desaturate by 10%, it is **17.9004, 18.2722, 25.8762**.

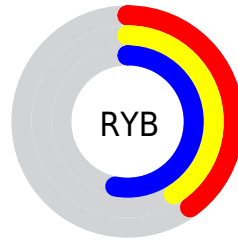
Distribution



Red (40%)

Green (42%)

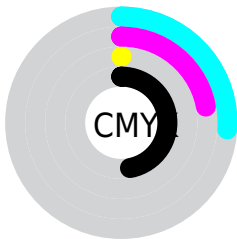
Blue (53%)



Red (40%)

Yellow (41%)

Blue (53%)

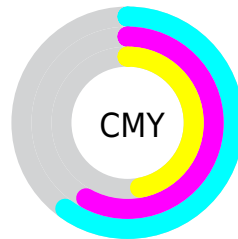


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9648, 14.8523, 25.3706 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 14.9648, 14.8523, 25.3706 by changing the saturation by 10% instead.

■ 14.9648, 14.8523,
25.3706

■ 14.9648, 14.8523,
25.3706

216.5457,
222.4705, 293.1851

■ 8.8808, 8.7158,
16.1319

■ 34.3636, 34.5939,
53.2294

■ 4.7200, 4.5563,
9.4621

■ 48.4091, 48.9677,
72.6865

■ 2.1170, 1.9893,
4.9429

■ 65.8392, 66.8561,
96.3868

■ 0.6984, 0.6013,
2.1557

■ 87.0192, 88.6435,
124.7488

■ 0.0000, 0.0000,
0.6486

112.3145,
114.7142, 158.1911

■ 0.0000, 0.0000,
0.0000

142.0905,

145.4527, 197.1322

176.7124,
181.2433, 241.9907

■ 14.9648, 14.8523,
25.3706

■ 14.9648, 14.8523,
25.3706

■ 12.4455, 11.8901,
24.9319

■ 17.9004, 18.2722,
25.8762

■ 10.3222, 9.3644,
24.5563

■ 21.2685, 22.1664,
26.4504

■ 8.5749, 7.2549,
24.2412

■ 25.0864, 26.5528,
27.0958

■ 7.1812, 5.5390,
23.9834

■ 29.3697, 31.4477,
27.8149

■ 6.1166, 4.1917,
23.7795

■ 34.1337, 36.8669,
28.6098

■ 5.3531, 3.1855,
23.6255

■ 39.3925, 42.8252,
29.4827

■ 4.8516, 2.4850,
23.5167

■ 45.1599, 49.3371,
30.4356

■ 4.6842, 2.2580,
23.4818

■ 51.4492, 56.4164,
31.4706

■ 58.2730, 64.0765,
32.5895

Harmonies

Analogous

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



13.4751, 14.8523, 25.5577



14.9648, 14.8523, 25.3706



16.3138, 14.8523, 22.4603

Triad

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



14.9648, 14.8523, 25.3706



16.1690, 14.8523, 10.8895



11.5048, 14.8523, 14.3765

Complementary

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



14.9648, 14.8523, 25.3706



20.6189, 22.4067, 15.5506

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.



12.1262, 14.8523, 11.1823



14.9648, 14.8523, 25.3706



14.7783, 14.8523, 9.4212

Square

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



14.9648, 14.8523, 25.3706



17.0419, 14.8523, 13.9047



13.3012, 14.8523, 9.5179



11.5469, 14.8523, 18.6724

Rectangle

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



14.9648, 14.8523, 25.3706



16.9206, 14.8523, 19.6170



13.3012, 14.8523, 9.5179



11.6410, 14.8523, 13.1553

Sweetspot

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



14.9653, 14.8529, 25.3709



35.9611, 37.3106, 46.3547



18.2512, 22.0073, 24.6702



8.1367, 8.4196, 10.7026



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.9653, 14.8529, 25.3709



23.6500, 22.9796, 44.2374



15.9403, 14.6128, 25.2732



4.8286, 5.0001, 6.3165



4.4380, 2.1463, 22.2260



0.0358, 0.0270, 0.1498

Inverse Universe

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



17.4090, 15.5827, 15.7264



28.7556, 24.5880, 24.0683



19.4296, 22.8147, 15.6921



5.0601, 5.0595, 5.4050



9.7269, 5.0009, 1.0662



0.0678, 0.0345, 0.0240

Previews

White Background



This preview shows how the XYZ color 14.9648, 14.8523, 25.3706 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 14.9648, 14.8523, 25.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

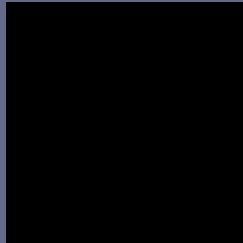
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9648, 14.8523, 25.3706

Background



This preview shows how black text looks on a background with the XYZ color 14.9648, 14.8523, 25.3706.



This preview shows how white text looks on a background with the XYZ color 14.9648, 14.8523,

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

14.9648, 14.8523, 25.3706

Protanopia

14.8535, 14.7950, 25.3654

Deuteranopia

15.0890, 14.7643, 25.3471



Tritanopia

13.6684, 14.7867, 19.2733

Trichromacy



Original Color

14.9648, 14.8523, 25.3706

Protanomaly

14.8535, 14.7950, 25.3654

Deuteranomaly

14.9750, 14.7055, 25.3417

Tritanomaly

14.1012, 14.8025, 21.5160

Monochromacy



Original Color

14.9648, 14.8523, 25.3706

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3534, 14.8267, 19.2449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9648, 14.8523, 25.3706 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(101, 106, 136)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 136)  
}
```

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(101, 106, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 136) }
```

Border

The CSS property to change the border of an element to XYZ 14.9648, 14.8523, 25.3706 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(101, 106, 136) }
```


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

```
.border{ border-color:rgb(101, 106, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 106, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 136);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9648, 14.8523, 25.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 136) }
```

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

```
.background{ background-color: rgb(101,  
106, 136) }
```

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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