

Converting Colors

XYZ(19.5399, 15.9356, 44.1375)

Have a look what the booklet for
XYZ(19.5399, 15.9356, 44.1375)
contains.

XYZ(19.5325, 15.9061, 44.1602)	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(19.5325, 15.9061,
44.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	7264B2
RGB	114, 100, 178
RGB Percent	45%, 39%, 70%
CMY	0.5529, 0.6078, 0.3020
CMYK	0.36, 0.44, 0.00, 0.30
HSL	251°, 34%, 55%
HSV	251°, 44%, 70%
XYZ	19.5325, 15.9061, 44.1602
YIQ	113.0780, -16.6940, 27.2260

Conversions

Conversions Part 2

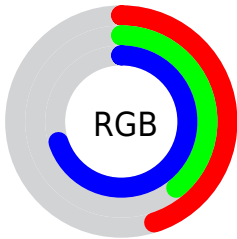
Format	Color
RYB	114, 100, 178
Decimal	7496882
CIELab	46.85, 24.15, -39.68
CIELCh	47, 46.450, 301.326
Yxy	15.9061, 0.2454, 0.1998
Android (android.graphics.Color)	4285686962 (0xFF7264B2)
YUV	113.0780, 32.0065, 0.8086
Hunter-Lab	39.8825, 17.6264, -37.7317

Details

The XYZ color **19.5325, 15.9061, 44.1602** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **33.5306, 40.6536, 18.1368**, and the grayscale version is **15.6313, 16.4453, 17.9089**.

A 20% lighter version of the original color is **42.0663, 36.3986, 82.6504**, and **6.9614, 5.0510, 20.0101** is the 20% darker color. If you saturate the color by 10%, you get **16.2577, 11.9546, 43.5704**, and if you desaturate by 10%, it is **23.4849, 20.7611, 44.8893**.

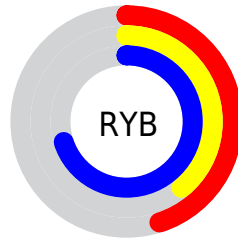
Distribution



Red (45%)

Green (39%)

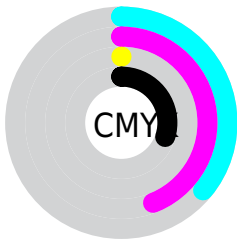
Blue (70%)



Red (45%)

Yellow (39%)

Blue (70%)

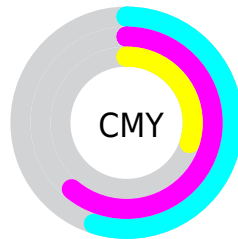


Cyan (36%)

Magenta (44%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (61%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5325, 15.9061, 44.1602 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 19.5325, 15.9061, 44.1602 by changing the saturation by 10% instead.

■ 19.5325, 15.9061,
44.1602

■ 19.5325, 15.9061,
44.1602

242.2550,
228.7870, 379.4221

■ 12.1620, 9.4577,
30.4584

■ 42.1419, 36.4351,
82.7638

■ 6.9271, 5.0409,
19.9318

■ 58.1115, 51.2845,
108.5026

■ 3.4624, 2.2713,
12.1619

■ 77.6782, 69.7031,
139.0909

■ 1.4028, 0.7585,
6.7301

■ 101.2073, 92.0752,
174.9470

■ 0.2582, 0.0000,
3.2180

129.0642,
118.7853, 216.4897

■ 0.0000, 0.0000,
1.2070

161.6142,

■ 0.0000, 0.0000,

150.2177, 264.1374

0.0000

199.2227,
186.7568, 318.3087

■ 19.5325, 15.9061,
44.1602

■ 19.5325, 15.9061,
44.1602

■ 16.2577, 11.9546,
43.5704

■ 23.4849, 20.7611,
44.8893

■ 13.6196, 8.8483,
43.1098

■ 28.1487, 26.5694,
45.7646

■ 11.5760, 6.5248,
42.7691

■ 33.5578, 33.3793,
46.7940

■ 10.0782, 4.9122,
42.5368

■ 39.7432, 41.2351,
47.9843

■ 9.0692, 3.9247,
42.3993

■ 46.7342, 50.1787,
49.3421

■ 8.6301, 3.5207,
42.3445

■ 54.5586, 60.2496,
50.8736

■ 63.2428, 71.4851,
52.5845

■ 72.8120, 83.9211,
54.4806

■ 81.6082, 94.2273,
56.0063

Harmonies

Analogous

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



15.2990, 15.9061, 50.4891



19.5325, 15.9061, 44.1602



23.0190, 15.9061, 30.3540

Triad

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



19.5325, 15.9061, 44.1602



19.1650, 15.9061, 4.2063



8.6003, 15.9061, 17.8396

Complementary

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



19.5325, 15.9061, 44.1602



33.5306, 40.6536, 18.1368

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.



9.2703, 15.9061, 8.6799



19.5325, 15.9061, 44.1602



14.9390, 15.9061, 3.2321

Square

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



19.5325, 15.9061, 44.1602



22.7816, 15.9061, 8.1287



11.4249, 15.9061, 4.4102



9.4008, 15.9061, 31.6704

Rectangle

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



19.5325, 15.9061, 44.1602



24.1825, 15.9061, 20.8996



11.4249, 15.9061, 4.4102



8.6601, 15.9061, 14.1727

Sweetspot

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



19.5331, 15.9067, 44.1606



61.4814, 61.3239, 84.9774



26.7470, 32.8344, 47.0477



13.1145, 12.9457, 18.7298



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



19.5331, 15.9067, 44.1606



29.4298, 21.6164, 79.0024



25.5424, 19.0046, 44.4418



8.1795, 8.3011, 10.6775



6.2141, 2.5393, 30.2996



0.2382, 0.1019, 0.9554

Inverse Universe

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



29.6184, 21.2601, 37.6642



50.3999, 32.7668, 64.6236



26.8253, 37.1969, 17.8229



8.7833, 8.6200, 10.3571



16.8729, 8.2667, 20.2883



0.5480, 0.2669, 0.7284

Previews

White Background



This preview shows how the XYZ color 19.5325, 15.9061, 44.1602 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 19.5325, 15.9061, 44.1602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

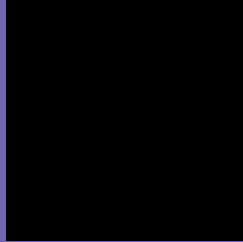
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.5325, 15.9061, 44.1602

Background



This preview shows how black text looks on a background with the XYZ color 19.5325, 15.9061, 44.1602.

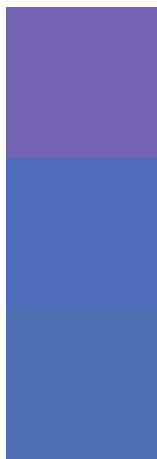


This preview shows how white text looks on a background with the XYZ color 19.5325, 15.9061,

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

19.5325, 15.9061, 44.1602

Protanopia

17.5560, 16.1447, 48.6453

Deuteranopia

16.4226, 15.9993, 43.2969



Tritanopia

14.8975, 16.0402, 20.7232

Trichromacy



Original Color

19.5325, 15.9061, 44.1602

Protanomaly

18.1149, 16.0023, 46.9337

Deuteranomaly

17.3133, 15.8136, 43.7348

Tritanomaly

16.1889, 15.7423, 27.7765

Monochromacy



Original Color

19.5325, 15.9061, 44.1602

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.6880, 16.0420, 25.8838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5325, 15.9061, 44.1602 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(114, 100, 178)` looks like.

```
.text, #text, p{  
    color:rgb(114, 100, 178)  
}
```

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(114, 100, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 100, 178) }
```

Border

The CSS property to change the border of an element to XYZ 19.5325, 15.9061, 44.1602 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(114, 100, 178) }
```


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

```
.border{ border-color:rgb(114, 100, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 100, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 100, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 100, 178);  
box-shadow:4px 4px 4px 4px rgb(114, 100,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5325, 15.9061, 44.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 100, 178) }
```

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

```
.background{ background-color: rgb(114,  
100, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor