

Converting Colors

XYZ(19.4261, 25.0864, 43.8627)

Have a look what the booklet for
XYZ(19.4261, 25.0864, 43.8627)
contains.

XYZ(19.4261, 25.0864, 43.8627)	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(19.4261, 25.0864,
43.8627)**

Conversions

Conversions Part 1

Format	Color
Hex	2C95AE
RGB	44, 149, 174
RGB Percent	17%, 58%, 68%
CMY	0.8274, 0.4157, 0.3176
CMYK	0.75, 0.14, 0.00, 0.32
HSL	192°, 60%, 43%
HSV	192°, 75%, 68%
XYZ	19.4261, 25.0864, 43.8627
YIQ	120.4550, -70.6050, -14.4850

Conversions

Conversions Part 2

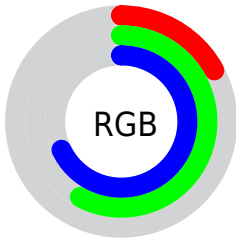
Format	Color
R_{YB}	44, 102, 174
Decimal	2921902
CIE _{Lab}	57.16, -20.82, -21.57
CIE _{LCh}	57, 29.981, 226.017
Yxy	25.0864, 0.2198, 0.2839
Android (android.graphics.Color)	4281111982 (0xFF2C95AE)
YUV	120.4550, 26.3977, -67.0510
Hunter-Lab	50.0863, -18.4194, -16.8623

Details

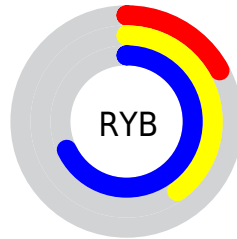
The XYZ color **19.4261, 25.0864, 43.8627** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **20.0390, 13.4377, 3.9212**, and the grayscale version is **17.9336, 18.8675, 20.5467**.

A 20% lighter version of the original color is **41.9455, 51.6763, 82.6267**, and **7.8805, 10.1405, 19.9543** is the 20% darker color. If you saturate the color by 10%, you get **18.3077, 23.7357, 43.6614**, and if you desaturate by 10%, it is **20.8746, 26.6309, 44.0850**.

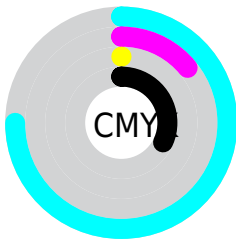
Distribution



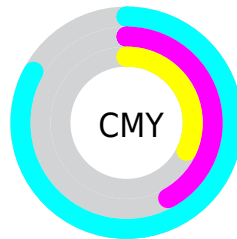
- Red (17%)
- Green (58%)
- Blue (68%)



- Red (17%)
- Yellow (40%)
- Blue (68%)



- Cyan (75%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (83%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4261, 25.0864, 43.8627 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 19.4261, 25.0864, 43.8627 by changing the saturation by 10% instead.

■ 19.4261, 25.0864,
43.8627

■ 19.4261, 25.0864,
43.8627

241.6843,
278.2679, 378.1726

■ 12.0844, 16.1414,
30.2262

■ 41.9642, 51.7974,
82.3114

■ 6.8738, 9.6243,
19.7568

■ 57.8913, 70.3321,
107.9606

■ 3.4289, 5.1506,
12.0361

■ 77.4110, 92.8323,
138.4512

■ 1.3844, 2.3359,
6.6454

■ 100.8885,
119.6823, 174.2016

■ 0.2451, 0.7926,
3.1663

■ 128.6892,
151.2664, 215.6304

■ 0.0000, 0.0000,
1.1802

161.1785,

■ 0.0000, 0.0000,

187.9692, 263.1561

0.0000

198.7218,
230.1749, 317.1974

■ 19.4261, 25.0864,
43.8627

■ 19.4261, 25.0864,
43.8627

■ 18.3077, 23.7357,
43.6614

■ 20.8746, 26.6309,
44.0850

■ 17.4745, 22.5538,
43.4772

■ 22.6858, 28.3846,
44.3280

■ 17.0972, 21.9702,
43.3844

■ 24.8910, 30.3644,
44.5939

■ 27.5172, 32.5844,
44.8840

■ 30.5891, 35.0575,
45.1994

■ 34.1295, 37.7955,
45.5413

■ 38.1594, 40.8095,
45.9107

■ 42.6987, 44.1100,
46.3085

■ 47.7660, 47.7067,
46.7357

Harmonies

Analogous

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



17.8863, 25.0864, 33.0491



19.4261, 25.0864, 43.8627



22.2381, 25.0864, 50.9085

Triad

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



19.4261, 25.0864, 43.8627



31.0706, 25.0864, 32.2965



22.0162, 25.0864, 12.5453

Complementary

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



19.4261, 25.0864, 43.8627



20.0390, 13.4377, 3.9212

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.



25.5252, 25.0864, 12.4391



19.4261, 25.0864, 43.8627



30.9961, 25.0864, 22.2855

Square

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



19.4261, 25.0864, 43.8627



29.0797, 25.0864, 43.1956



28.8853, 25.0864, 15.5605



19.2776, 25.0864, 15.8990

Rectangle

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



19.4261, 25.0864, 43.8627



24.5639, 25.0864, 51.6234



28.8853, 25.0864, 15.5605



23.1381, 25.0864, 12.1631

Sweetspot

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



19.4269, 25.0873, 43.8633



56.8972, 64.6983, 82.1261



17.2138, 31.2235, 10.5627



12.2887, 14.0993, 18.2181



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.4269, 25.0873, 43.8633



32.1175, 41.5477, 78.9636



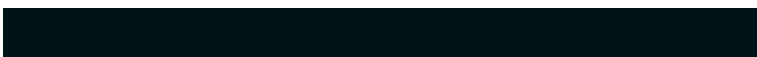
11.9412, 10.1158, 41.3681



8.1035, 8.8063, 10.2254



12.4418, 16.0174, 31.4804



0.3793, 0.5119, 0.8868

Inverse Universe

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



23.7817, 12.9707, 29.6849



41.0048, 20.5402, 49.1943



26.2757, 25.9110, 6.0000



8.2700, 8.1213, 9.7328



16.1437, 7.9200, 18.9338



0.4658, 0.2270, 0.6148

Previews

White Background



This preview shows how the XYZ color 19.4261, 25.0864, 43.8627 looks on a white 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

Black Background



This preview shows how the XYZ color 19.4261, 25.0864, 43.8627 looks on a black 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

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

XYZ 19.4261, 25.0864, 43.8627

Background



This preview shows how black text looks on a background with the XYZ color 19.4261, 25.0864, 43.8627.



This preview shows how white text looks on a background with the XYZ color 19.4261, 25.0864,

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

19.4261, 25.0864, 43.8627

Protanopia

24.5707, 24.7541, 38.6050

Deuteranopia

25.3630, 24.8137, 45.0477



Tritanopia

18.3706, 25.1349, 38.5336

Trichromacy



Original Color

19.4261, 25.0864, 43.8627

Protanomaly

21.5916, 24.2360, 40.5858

Deuteranomaly

21.9989, 24.1412, 44.5746

Tritanomaly

18.6807, 25.0148, 40.4030

Monochromacy



Original Color

19.4261, 25.0864, 43.8627

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.2636, 20.4014, 27.8389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4261, 25.0864, 43.8627 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(44, 149, 174)` looks like.

```
.text, #text, p{  
    color:rgb(44, 149, 174)  
}
```

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(44, 149, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 149, 174) }
```

Border

The CSS property to change the border of an element to XYZ 19.4261, 25.0864, 43.8627 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(44, 149, 174) }
```


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

```
.border{ border-color:rgb(44, 149, 174) }
```

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

Here you see how a box with a 4 pixel rgb(44, 149, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 149, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 149, 174);  
box-shadow:4px 4px 4px 4px rgb(44, 149,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4261, 25.0864, 43.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 149, 174) }
```

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

```
.background{ background-color: rgb(44, 149,  
174) }
```

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