

Converting Colors

XYZ(17.0202, 19.4807, 43.4212)

Have a look what the booklet for
XYZ(17.0202, 19.4807, 43.4212)
contains.

XYZ(17.0563, 19.5525, 43.4325)	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(17.0563, 19.5525,
43.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	3581AF
RGB	53, 129, 175
RGB Percent	21%, 51%, 69%
CMY	0.7921, 0.4941, 0.3137
CMYK	0.70, 0.26, 0.00, 0.31
HSL	203°, 54%, 45%
HSV	203°, 70%, 69%
XYZ	17.0563, 19.5525, 43.4325
YIQ	111.5200, -60.0620, -1.8060

Conversions

Conversions Part 2

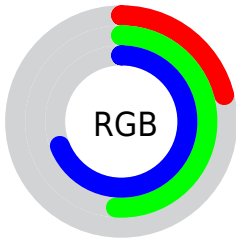
Format	Color
RYB	53, 100, 175
Decimal	3506607
CIELab	51.33, -8.18, -31.14
CIELCh	51, 32.200, 255.282
Yxy	19.5525, 0.2131, 0.2443
Android (android.graphics.Color)	4281696687 (0xFF3581AF)
YUV	111.5200, 31.2956, -51.3220
Hunter-Lab	44.2182, -8.5290, -27.2837

Details

The XYZ color **17.0563, 19.5525, 43.4325** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **22.7846, 18.2961, 5.6997**, and the grayscale version is **15.1857, 15.9765, 17.3984**.

A 20% lighter version of the original color is **38.0912, 42.8028, 81.8555**, and **6.3815, 7.1425, 19.4546** is the 20% darker color. If you saturate the color by 10%, you get **15.4575, 17.4797, 43.1171**, and if you desaturate by 10%, it is **19.0485, 21.9121, 43.7833**.

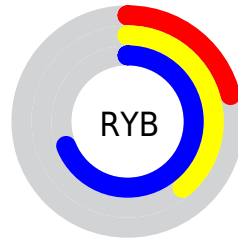
Distribution



Red (21%)

Green (51%)

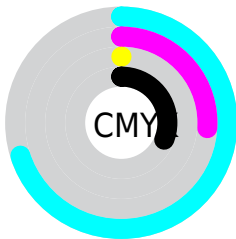
Blue (69%)



Red (21%)

Yellow (39%)

Blue (69%)

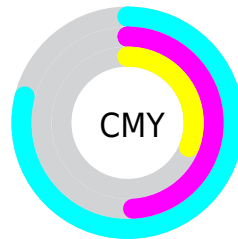


Cyan (70%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (79%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0563, 19.5525, 43.4325 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 17.0563, 19.5525, 43.4325 by changing the saturation by 10% instead.

■ 17.0563, 19.5525,
43.4325

■ 17.0563, 19.5525,
43.4325

228.6465,
249.4821, 376.3608

■ 10.3702, 12.0702,
29.8907

■ 37.9654, 42.6656,
81.6565

■ 5.7092, 6.7915,
19.5043

■ 52.9191, 59.0652,
107.1757

■ 2.7081, 3.3320,
11.8547

■ 71.3593, 79.2060,
137.5245

■ 1.0013, 1.3074,
6.5235

■ 93.6515, 103.4725,
173.1214

■ 0.0000, 0.1470,
3.0920

■ 120.1609,
132.2489, 214.3849

■ 0.0000, 0.0000,
1.1418

151.2530,

■ 0.0000, 0.0000,

165.9197, 261.7336

0.0000

187.2931,
204.8693, 315.5861

■ 17.0563, 19.5525,
43.4325

■ 17.0563, 19.5525,
43.4325

■ 15.4575, 17.4797,
43.1171

■ 19.0485, 21.9121,
43.7833

■ 14.2104, 15.6695,
42.8334

■ 21.4658, 24.5755,
44.1700

■ 13.2349, 14.0796,
42.5779

■ 24.3389, 27.5601,
44.5947

■ 13.2081, 14.0355,
42.5708

■ 27.6948, 30.8815,
45.0589

■ 31.5584, 34.5537,
45.5641

■ 35.9525, 38.5900,
46.1116

■ 40.8988, 43.0028,
46.7026

■ 46.4175, 47.8040,
47.3385

■ 52.5278, 53.0046,
48.0202

Harmonies

Analogous

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



14.5624, 19.5525, 36.5225



17.0563, 19.5525, 43.4325



20.2626, 19.5525, 43.3600

Triad

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



17.0563, 19.5525, 43.4325



25.2128, 19.5525, 16.9530



14.5259, 19.5525, 11.0985

Complementary

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



17.0563, 19.5525, 43.4325



22.7846, 18.2961, 5.6997

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.



17.0009, 19.5525, 8.3645



17.0563, 19.5525, 43.4325



23.2853, 19.5525, 11.0189

Square

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



17.0563, 19.5525, 43.4325



25.2321, 19.5525, 26.1151



20.2004, 19.5525, 8.3404



13.2201, 19.5525, 17.0980

Rectangle

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



17.0563, 19.5525, 43.4325



22.3910, 19.5525, 39.2735



20.2004, 19.5525, 8.3404



15.2351, 19.5525, 9.8548

Sweetspot

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



17.0570, 19.5532, 43.4330



55.3112, 60.7524, 81.4480



18.9910, 32.2942, 16.7231



11.8672, 13.1006, 18.0475



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.



17.0570, 19.5532, 43.4330



26.3293, 29.3891, 76.9218



11.3515, 8.1422, 41.5312



7.9787, 8.5568, 10.1838



9.5192, 10.1724, 30.5063



0.3152, 0.3838, 0.8654

Inverse Universe

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



22.9154, 13.2460, 22.1184



38.2252, 19.9723, 32.8803



30.6748, 34.0764, 8.3297



8.2071, 8.0961, 9.4012



14.6685, 7.3300, 11.1658



0.4335, 0.2141, 0.4446

Previews

White Background



This preview shows how the XYZ color 17.0563, 19.5525, 43.4325 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 17.0563, 19.5525, 43.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

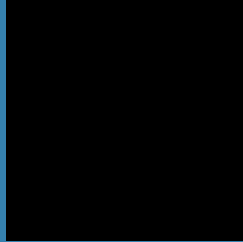
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0563, 19.5525, 43.4325

Background



This preview shows how black text looks on a background with the XYZ color 17.0563, 19.5525, 43.4325.

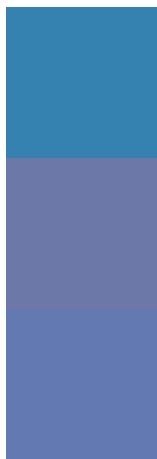


This preview shows how white text looks on a background with the XYZ color 17.0563, 19.5525,

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

17.0563, 19.5525, 43.4325

Protanopia

19.8478, 19.3859, 39.7416

Deuteranopia

19.9188, 19.5017, 44.3093



Tritanopia

14.2316, 19.4016, 29.7829

Trichromacy



Original Color

17.0563, 19.5525, 43.4325

Protanomaly

18.3641, 19.1324, 41.2531

Deuteranomaly

18.5238, 19.3437, 43.8317

Tritanomaly

15.1271, 19.3539, 34.3909

Monochromacy



Original Color

17.0563, 19.5525, 43.4325

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1660, 16.9303, 25.3902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0563, 19.5525, 43.4325 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(53, 129, 175)` looks like.

```
.text, #text, p{  
    color:rgb(53, 129, 175)  
}
```

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(53, 129, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 129, 175) }
```

Border

The CSS property to change the border of an element to XYZ 17.0563, 19.5525, 43.4325 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(53, 129, 175) }
```


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

```
.border{ border-color:rgb(53, 129, 175) }
```

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

Here you see how a box with a 4 pixel rgb(53, 129, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 129, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 129, 175);  
box-shadow:4px 4px 4px 4px rgb(53, 129,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0563, 19.5525, 43.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 129, 175) }
```

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

```
.background{ background-color: rgb(53, 129,  
175) }
```

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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