

Converting Colors

XYZ(14.5356, 19.5891, 25.1641)

Have a look what the booklet for
XYZ(14.5356, 19.5891, 25.1641)
contains.

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Color

**XYZ(14.5624, 19.6735,
25.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8685
RGB	59, 134, 133
RGB Percent	23%, 53%, 52%
CMY	0.7686, 0.4745, 0.4784
CMYK	0.56, 0.00, 0.01, 0.47
HSL	179°, 39%, 38%
HSV	179°, 56%, 53%
XYZ	14.5624, 19.6735, 25.2201
YIQ	111.4610, -44.3790, -16.2110

Conversions

Conversions Part 2

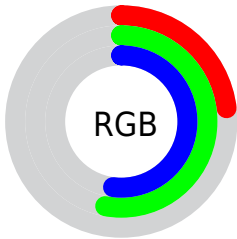
Format	Color
RYB	59, 97, 134
Decimal	3901061
CIELab	51.47, -23.25, -6.51
CIELCh	51, 24.147, 195.630
Yxy	19.6735, 0.2449, 0.3309
Android (android.graphics.Color)	4282091141 (0xFF3B8685)
YUV	111.4610, 10.6187, -46.0083
Hunter-Lab	44.3548, -19.0165, -2.6639




Details

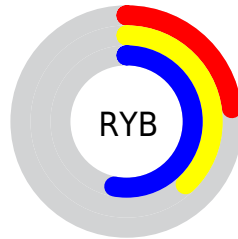
The XYZ color **14.5624, 19.6735, 25.2201** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.2118, 8.5232, 5.2772**, and the grayscale version is **15.2234, 16.0162, 17.4416**.




A 20% lighter version of the original color is **33.7856, 43.0890, 52.9907**, and **4.7706, 6.9807, 9.4835** is the 20% darker color. If you saturate the color by 10%, you get **13.8557, 19.3111, 25.1230**, and if you desaturate by 10%, it is **15.4742, 20.1426, 25.3278**.

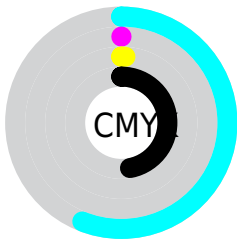
Distribution







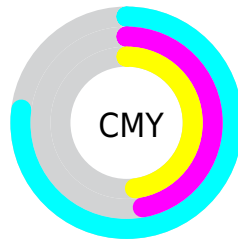
-  Red (23%)
-  Green (53%)
-  Blue (52%)






-  Red (23%)
-  Yellow (38%)
-  Blue (53%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (47%)



-  Cyan (77%)
-  Magenta (47%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5624, 19.6735, 25.2201 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 14.5624, 19.6735, 25.2201 by changing the saturation by 10% instead.

■ 14.5624, 19.6735,
25.2201

■ 14.5624, 19.6735,
25.2201

214.1433,
250.1421, 292.4150

■ 8.5972, 12.1579,
16.0206

■ 33.6616, 42.8691,
52.9826

■ 4.5344, 6.8513,
9.3842

■ 47.5264, 59.3179,
72.3827

■ 2.0087, 3.3693,
4.8924

■ 64.7549, 79.5133,
96.0201

■ 0.6388, 1.3274,
2.1266

■ 85.7128, 103.8396,
124.3132

■ 0.0000, 0.1623,
0.6316

■ 110.7651,
132.6812, 157.6808

■ 0.0000, 0.0000,
0.0000

140.2775,

166.4226, 196.5412

174.6151,
205.4481, 241.3131

■ 14.5624, 19.6735,
25.2201

■ 14.5624, 19.6735,
25.2201

■ 13.8557, 19.3111,
25.1230

■ 15.4742, 20.1426,
25.3278

■ 13.3364, 19.0448,
25.0343

■ 16.6037, 20.7234,
25.4454

■ 12.9868, 18.8660,
24.9537

■ 17.9643, 21.4234,
25.5739

■ 12.7775, 18.7595,
24.8797

■ 19.5681, 22.2487,
25.7139

■ 12.7049, 18.7226,
24.8505

■ 21.4262, 23.2052,
25.8659

■ 23.5490, 24.2981,
26.0304

■ 25.9464, 25.5326,
26.2078

■ 28.6278, 26.9134,
26.3987

■ 31.6021, 28.4453,
26.6034

Harmonies

Analogous

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



14.5400, 19.6735, 18.2779



14.5624, 19.6735, 25.2201



15.6272, 19.6735, 32.4424

Triad

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



14.5624, 19.6735, 25.2201



22.2304, 19.6735, 32.1696



19.8791, 19.6735, 10.9227

Complementary

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



14.5624, 19.6735, 25.2201



12.2118, 8.5232, 5.2772

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.



22.1492, 19.6735, 13.2300



14.5624, 19.6735, 25.2201



23.5841, 19.6735, 24.9054

Square

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



14.5624, 19.6735, 25.2201



19.9824, 19.6735, 37.0076



23.5532, 19.6735, 18.0241



17.4719, 19.6735, 10.9712

Rectangle

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



14.5624, 19.6735, 25.2201



16.8421, 19.6735, 36.0155



23.5532, 19.6735, 18.0241



20.6877, 19.6735, 11.4223

Sweetspot

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



14.5630, 19.6743, 25.2206



34.0518, 38.9804, 45.2676



11.1938, 18.3352, 7.0873



7.5625, 8.7258, 10.1890



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5630, 19.6743, 25.2206



24.1523, 33.8899, 44.2220



10.4517, 11.3405, 24.1932



4.7990, 5.2778, 5.9528



11.9062, 17.5453, 23.2894



0.0415, 0.0609, 0.0818

Inverse Universe

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



12.2118, 8.5232, 5.2772



19.5799, 12.1916, 5.4282



14.7365, 13.6144, 5.9894



4.6749, 4.6896, 4.9004



9.2231, 4.7536, 0.4813



0.0321, 0.0165, 0.0025

Previews

White Background



This preview shows how the XYZ color 14.5624, 19.6735, 25.2201 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 14.5624, 19.6735, 25.2201 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 14.5624, 19.6735, 25.2201

Background



This preview shows how black text looks on a background with the XYZ color 14.5624, 19.6735, 25.2201.



This preview shows how white text looks on a background with the XYZ color 14.5624, 19.6735,

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

14.5624, 19.6735, 25.2201

Protanopia

18.7074, 19.3664, 22.1541

Deuteranopia

19.7932, 19.4833, 26.0100



Tritanopia

15.2591, 19.5425, 28.9544

Trichromacy



Original Color

14.5624, 19.6735, 25.2201

Protanomaly

16.6127, 19.1895, 23.2504

Deuteranomaly

17.0603, 18.9894, 25.6878

Tritanomaly

15.0343, 19.6633, 27.4291

Monochromacy



Original Color

14.5624, 19.6735, 25.2201

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.3402, 16.8009, 19.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5624, 19.6735, 25.2201 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(59, 134, 133)` looks like.

```
.text, #text, p{  
    color:rgb(59, 134, 133)  
}
```

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(59, 134, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 134, 133) }
```

Border

The CSS property to change the border of an element to XYZ 14.5624, 19.6735, 25.2201 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(59, 134, 133) }
```


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

```
.border{ border-color:rgb(59, 134, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 134, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 134, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 134, 133);  
box-shadow:4px 4px 4px 4px rgb(59, 134,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5624, 19.6735, 25.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 134, 133) }
```

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

```
.background{ background-color: rgb(59, 134,  
133) }
```

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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