

Converting Colors

XYZ(15.9556, 22.6348, 24.9538)

Have a look what the booklet for
XYZ(15.9556, 22.6348, 24.9538)
contains.

XYZ(15.9335, 22.5459, 24.9847)	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(15.9335, 22.5459,
24.9847)**

Conversions

Conversions Part 1

Format	Color
Hex	3C9083
RGB	60, 144, 131
RGB Percent	24%, 56%, 51%
CMY	0.7647, 0.4353, 0.4863
CMYK	0.58, 0.00, 0.09, 0.44
HSL	171°, 41%, 40%
HSV	171°, 58%, 56%
XYZ	15.9335, 22.5459, 24.9847
YIQ	117.4020, -45.8910, -21.8510

Conversions

Conversions Part 2

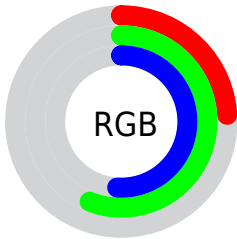
Format	Color
RYB	60, 106, 144
Decimal	3969155
CIELab	54.60, -28.62, -0.72
CIELCh	55, 28.632, 181.434
Yxy	22.5459, 0.2511, 0.3553
Android (android.graphics.Color)	4282159235 (0xFF3C9083)
YUV	117.4020, 6.7038, -50.3416
Hunter-Lab	47.4825, -23.1960, 2.0401

Details

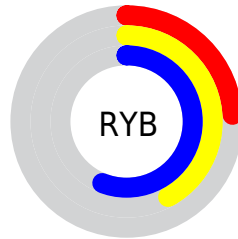
The XYZ color **15.9335, 22.5459, 24.9847** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.3209, 9.6427, 7.4107**, and the grayscale version is **17.0240, 17.9105, 19.5046**.

A 20% lighter version of the original color is **36.0483, 47.5619, 52.6278**, and **5.4373, 8.4379, 9.3247** is the 20% darker color. If you saturate the color by 10%, you get **15.0299, 22.0979, 24.1627**, and if you desaturate by 10%, it is **17.0784, 23.1190, 25.8360**.

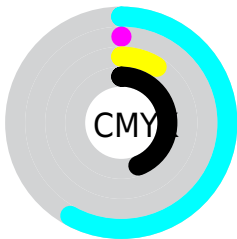
Distribution



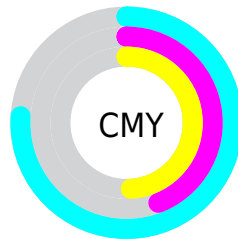
- Red (24%)
- Green (56%)
- Blue (51%)



- Red (24%)
- Yellow (42%)
- Blue (56%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9335, 22.5459, 24.9847 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 15.9335, 22.5459, 24.9847 by changing the saturation by 10% instead.

■ 15.9335, 22.5459,
24.9847

■ 15.9335, 22.5459,
24.9847

222.2271,
265.3840, 291.2070

■ 9.5677, 14.2586,
15.8467

■ 36.0411, 47.6466,
52.5962

■ 5.1733, 8.3007,
9.2626

■ 50.5136, 65.2288,
71.9068

■ 2.3851, 4.2880,
4.8137

■ 68.4190, 86.6780,
95.4455

■ 0.8377, 1.8359,
2.0816

■ 90.1226, 112.3787,
123.6306

■ 0.0000, 0.5094,
0.6048

■ 115.9899,
142.7153, 156.8807

■ 0.0000, 0.0000,
0.0000

146.3862,

178.0721, 195.6145

181.6768,
218.8335, 240.2504

■ 15.9335, 22.5459,
24.9847

■ 15.9335, 22.5459,
24.9847

■ 15.0299, 22.0979,
24.1627

■ 17.0784, 23.1190,
25.8360

■ 14.3459, 21.7622,
23.3673

■ 18.4803, 23.8237,
26.7158

■ 13.8593, 21.5278,
22.5980

■ 20.1555, 24.6689,
27.6257

■ 13.5219, 21.3700,
21.8523

■ 22.1188, 25.6622,
28.5662

■ 13.4688, 21.3453,
21.7296

■ 24.3836, 26.8106,
29.5383

■ 26.9626, 28.1206,
30.5426

■ 29.8678, 29.5983,
31.5797

■ 33.1105, 31.2496,
32.6503

■ 36.7015, 33.0801,
33.7549

Harmonies

Analogous

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



16.5439, 22.5459, 17.1623



15.9335, 22.5459, 24.9847



16.6716, 22.5459, 34.7360

Triad

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



15.9335, 22.5459, 24.9847



24.7409, 22.5459, 42.4935



24.4535, 22.5459, 12.2614

Complementary

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



15.9335, 22.5459, 24.9847



14.3209, 9.6427, 7.4107

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.



27.0154, 22.5459, 16.5776



15.9335, 22.5459, 24.9847



27.1924, 22.5459, 33.7983

Square

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



15.9335, 22.5459, 24.9847



21.5809, 22.5459, 46.2566



28.0623, 22.5459, 24.1177



21.2782, 22.5459, 10.9844

Rectangle

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



15.9335, 22.5459, 24.9847



17.8753, 22.5459, 40.7365



28.0623, 22.5459, 24.1177



25.4254, 22.5459, 13.3427

Sweetspot

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



15.9341, 22.5468, 24.9852



39.3795, 45.4472, 50.5483



13.6137, 21.7296, 7.7522



8.8801, 10.3458, 11.5238



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.9341, 22.5468, 24.9852



26.0940, 38.7698, 42.1753



13.1437, 15.4659, 28.6790



5.5249, 6.1022, 6.7299



11.7354, 18.5900, 18.9584



0.1185, 0.1802, 0.2142

Inverse Universe

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



14.3209, 9.6427, 7.4107



22.9978, 13.7932, 8.2903



15.8077, 13.2358, 5.9971



5.4408, 5.4369, 5.8193



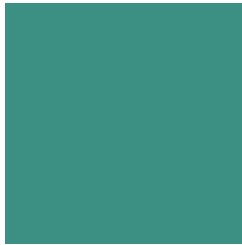
10.1504, 5.2172, 1.1776



0.1022, 0.0520, 0.0386

Previews

White Background



This preview shows how the XYZ color 15.9335, 22.5459, 24.9847 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 15.9335, 22.5459, 24.9847 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 15.9335, 22.5459, 24.9847

Background



This preview shows how black text looks on a background with the XYZ color 15.9335, 22.5459, 24.9847.

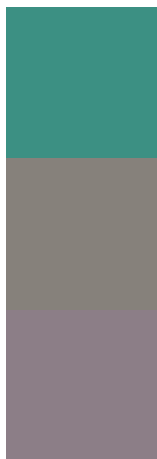


This preview shows how white text looks on a background with the XYZ color 15.9335, 22.5459,

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

15.9335, 22.5459, 24.9847

Protanopia

21.2569, 22.1989, 21.9033

Deuteranopia

22.6492, 22.2464, 26.0219



Tritanopia

17.5763, 22.5457, 33.1312

Trichromacy



Original Color

15.9335, 22.5459, 24.9847

Protanomaly

18.3544, 21.6824, 22.9564

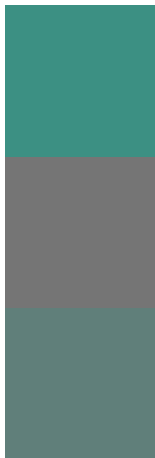
Deuteranomaly

19.2461, 21.8758, 25.7623

Tritanomaly

16.8870, 22.4834, 29.8353

Monochromacy



Original Color

15.9335, 22.5459, 24.9847

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.9261, 19.0707, 21.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9335, 22.5459, 24.9847 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(60, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(60, 144, 131)  
}
```

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(60, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 144, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.9335, 22.5459, 24.9847 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(60, 144, 131) }
```


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

```
.border{ border-color:rgb(60, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(60, 144,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9335, 22.5459, 24.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 144, 131) }
```

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

```
.background{ background-color: rgb(60, 144,  
131) }
```

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