

Converting Colors

XYZ(24.7539, 32.5214, 39.1550)

Have a look what the booklet for
XYZ(24.7539, 32.5214, 39.1550)
contains.

XYZ(24.7539, 32.5214, 39.1550)	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(24.7539, 32.5214,
39.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA7A2
RGB	92, 167, 162
RGB Percent	36%, 65%, 64%
CMY	0.6392, 0.3451, 0.3647
CMYK	0.45, 0.00, 0.03, 0.35
HSL	176°, 30%, 51%
HSV	176°, 45%, 65%
XYZ	24.7539, 32.5214, 39.1550
YIQ	144.0050, -43.0950, -17.4550

Conversions

Conversions Part 2

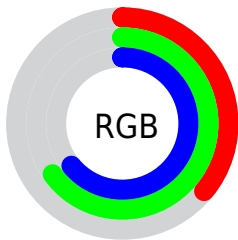
Format	Color
RYB	92, 131, 167
Decimal	6072226
CIELab	63.77, -24.54, -4.69
CIELCh	64, 24.982, 190.813
Yxy	32.5214, 0.2567, 0.3373
Android (android.graphics.Color)	4284262306 (0xFF5CA7A2)
YUV	144.0050, 8.8715, -45.6084
Hunter-Lab	57.0275, -22.3168, -0.7891

Details

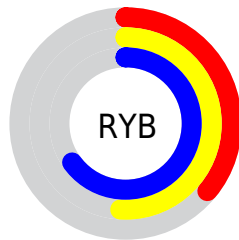
The XYZ color **24.7539, 32.5214, 39.1550** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.9222, 16.7337, 13.3848**, and the grayscale version is **26.4899, 27.8694, 30.3498**.

A 20% lighter version of the original color is **50.6783, 63.4554, 75.2227**, and **9.6383, 13.7446, 16.8968** is the 20% darker color. If you saturate the color by 10%, you get **23.1677, 31.7159, 38.5669**, and if you desaturate by 10%, it is **26.7106, 33.5194, 39.7665**.

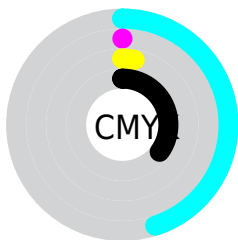
Distribution



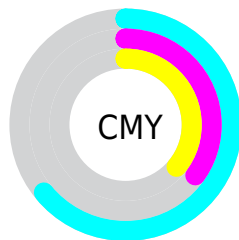
- Red (36%)
- Green (65%)
- Blue (64%)



- Red (36%)
- Yellow (51%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7539, 32.5214, 39.1550 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 24.7539, 32.5214, 39.1550 by changing the saturation by 10% instead.

■ 24.7539, 32.5214,
39.1550

■ 24.7539, 32.5214,
39.1550

268.9804,
313.4876, 357.9947

■ 16.0215, 21.7601,
26.5716

■ 50.7035, 63.6276,
75.0980

■ 9.6303, 13.6807,
17.0221

■ 68.6514, 84.7412,
99.2946

■ 5.2149, 7.8989,
10.0881

■ 90.4019, 110.0744,
128.1994

■ 2.4100, 4.0303,
5.3511

■ 116.3203,
140.0116, 162.2309

■ 0.8501, 1.6905,
2.3924

146.7720,
174.9371, 201.8077

■ 0.0000, 0.4175,
0.7823

182.1224,

■ 0.0000, 0.0000,

215.2353, 247.3482

0.0000

222.7367,
261.2907, 299.2710

■ 24.7539, 32.5214,
39.1550

■ 24.7539, 32.5214,
39.1550

■ 23.1677, 31.7159,
38.5669

■ 26.7106, 33.5194,
39.7665

■ 21.9248, 31.0864,
37.9987

■ 29.0572, 34.7175,
40.4000

■ 20.9986, 30.6201,
37.4499

■ 31.8151, 36.1276,
41.0575

■ 20.3577, 30.3008,
36.9190

■ 35.0033, 37.7594,
41.7396

■ 19.9631, 30.1084,
36.4041

■ 38.6397, 39.6221,
42.4474

■ 19.8086, 30.0343,
36.1459

■ 42.7411, 41.7244,
43.1816

■ 47.3234, 44.0746,
43.9429

■ 52.4018, 46.6804,
44.7321

■ 57.9909, 49.5494,
45.5499

Harmonies

Analogous

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



24.9741, 32.5214, 29.4399



24.7539, 32.5214, 39.1550



26.0867, 32.5214, 49.5781

Triad

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



24.7539, 32.5214, 39.1550



35.5266, 32.5214, 52.1134



33.1781, 32.5214, 20.1342

Complementary

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



24.7539, 32.5214, 39.1550



21.9222, 16.7337, 13.3848

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.



36.2953, 32.5214, 24.2368



24.7539, 32.5214, 39.1550



37.7204, 32.5214, 42.1377

Square

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



24.7539, 32.5214, 39.1550



32.1919, 32.5214, 57.9455



38.0119, 32.5214, 31.9123



29.6638, 32.5214, 19.6378

Rectangle

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



24.7539, 32.5214, 39.1550



27.7401, 32.5214, 55.0683



38.0119, 32.5214, 31.9123



34.3139, 32.5214, 21.0948

Sweetspot

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



24.7549, 32.5227, 39.1558



57.8780, 65.1608, 73.7298



20.8155, 31.0221, 15.0165



12.6949, 14.4502, 16.4417



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.7549, 32.5227, 39.1558



41.4731, 56.7901, 69.0611



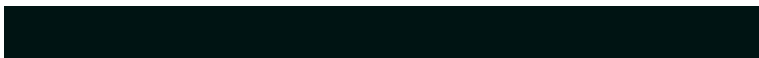
20.1586, 22.6043, 39.8613



7.7256, 8.5233, 9.5413



15.1643, 22.9845, 27.6958



0.3752, 0.5617, 0.7065

Inverse Universe

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



21.9222, 16.7337, 13.3848



35.7507, 24.8436, 16.9623



24.9832, 23.2173, 13.2904



7.5507, 7.5501, 7.9510



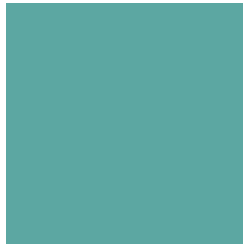
12.2487, 6.3082, 0.8553



0.3042, 0.1559, 0.0531

Previews

White Background



This preview shows how the XYZ color 24.7539, 32.5214, 39.1550 looks on a white background.

Color Contrast Check

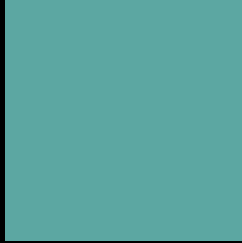
Large Text (above 18pt) WCAG AA × Fail

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 24.7539, 32.5214, 39.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

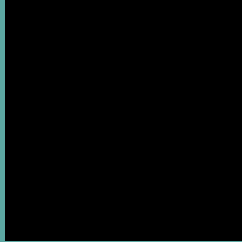
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.7539, 32.5214, 39.1550

Background



This preview shows how black text looks on a background with the XYZ color 24.7539, 32.5214, 39.1550.

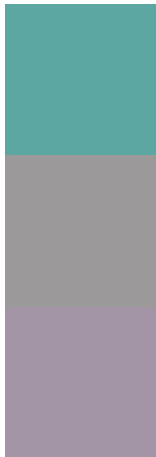


This preview shows how white text looks on a background with the XYZ color 24.7539, 32.5214,

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

24.7539, 32.5214, 39.1550

Protanopia

30.9343, 32.1835, 35.1535

Deuteranopia

32.7346, 32.0346, 40.5344



Tritanopia

26.4208, 32.6660, 47.0321

Trichromacy



Original Color

24.7539, 32.5214, 39.1550

Protanomaly

27.9855, 31.8746, 36.5757

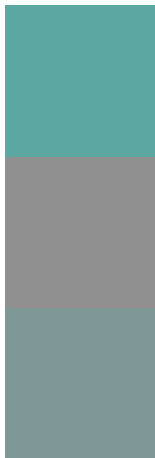
Deuteranomaly

28.9965, 31.8119, 40.2093

Tritanomaly

25.8019, 32.6839, 43.9784

Monochromacy



Original Color

24.7539, 32.5214, 39.1550

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2716, 29.0508, 33.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7539, 32.5214, 39.1550 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(92, 167, 162)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 162)  
}
```

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(92, 167, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.7539, 32.5214, 39.1550 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(92, 167, 162) }
```


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

```
.border{ border-color:rgb(92, 167, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 167, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 162);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7539, 32.5214, 39.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 162) }
```

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

```
.background{ background-color: rgb(92, 167,  
162) }
```

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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