

Converting Colors

XYZ(20.3060, 29.2932, 32.6009)

Have a look what the booklet for
XYZ(20.3060, 29.2932, 32.6009)
contains.

XYZ(20.3060, 29.2932, 32.6009)	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(20.3060, 29.2932,
32.6009)**

Conversions

Conversions Part 1	
Format	Color
Hex	3CA394
RGB	60, 163, 148
RGB Percent	24%, 64%, 58%
CMY	0.7647, 0.3608, 0.4196
CMYK	0.63, 0.00, 0.09, 0.36
HSL	171°, 46%, 44%
HSV	171°, 63%, 64%
XYZ	20.3060, 29.2932, 32.6009
YIQ	130.4930, -56.5730, -26.5010

Conversions

Conversions Part 2

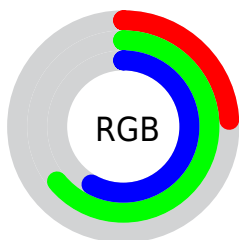
Format	Color
RYB	60, 116, 163
Decimal	3974036
CIELab	61.04, -33.16, -0.97
CIELCh	61, 33.177, 181.679
Yxy	29.2932, 0.2470, 0.3564
Android (android.graphics.Color)	4282164116 (0xFF3CA394)
YUV	130.4930, 8.6310, -61.8224
Hunter-Lab	54.1232, -27.7458, 2.1731

Details

The XYZ color **20.3060, 29.2932, 32.6009** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.9911, 11.5271, 7.9344**, and the grayscale version is **21.3784, 22.4917, 24.4935**.

A 20% lighter version of the original color is **43.3398, 58.3290, 64.8515**, and **7.8421, 12.2319, 13.2569** is the 20% darker color. If you saturate the color by 10%, you get **19.2831, 28.7881, 31.5826**, and if you desaturate by 10%, it is **21.6378, 29.9585, 33.6550**.

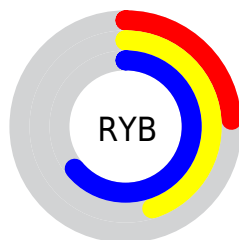
Distribution



Red (24%)

Green (64%)

Blue (58%)



Red (24%)

Yellow (45%)

Blue (64%)

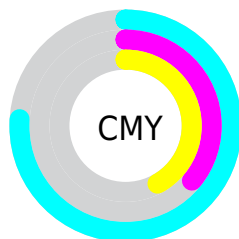


Cyan (63%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (76%)


Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.3060, 29.2932, 32.6009 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 20.3060, 29.2932, 32.6009 by changing the saturation by 10% instead.


 20.3060, 29.2932,
32.6009


 20.3060, 29.2932,
32.6009


246.3690,
298.5959, 328.4242


 12.7272, 19.3027,
21.5523


 43.4297, 58.5426,
64.8607


 7.3167, 11.8892,
13.3331


 59.7053, 78.5703,
86.9090


 3.7090, 6.6683,
7.5249


 79.6105, 102.7126,
113.4610

 1.5389, 3.2555,
3.7091

 103.5108,
131.3538, 144.9351

 0.3521, 1.2666,
1.4672

 131.7714,
164.8783, 181.7499

 0.0000, 0.1151,
0.1933

164.7577,

 0.0000, 0.0000,

203.6706, 224.3241

0.0000

202.8352,
248.1150, 273.0760

■ 20.3060, 29.2932,
32.6009

■ 20.3060, 29.2932,
32.6009

■ 19.2831, 28.7881,
31.5826

■ 21.6378, 29.9585,
33.6550

■ 18.5376, 28.4248,
30.5967

■ 23.3011, 30.7936,
34.7443


■ 18.0358, 28.1867,
29.6421


■ 25.3195, 31.8113,
35.8705


■ 17.7770, 28.0671,
29.0070

■ 27.7136, 33.0222,
37.0348

■ 30.5024, 34.4361,
38.2381

 33.7036, 36.0622,
39.4815

 37.3340, 37.9091,
40.7657

 41.4092, 39.9848,
42.0917

 45.9441, 42.2971,
43.4603

Harmonies

Analogous

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



21.1231, 29.2932, 21.8475



20.3060, 29.2932, 32.6009



21.3272, 29.2932, 46.1653

Triad

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



20.3060, 29.2932, 32.6009



32.4589, 29.2932, 56.8638



31.9919, 29.2932, 15.1430

Complementary

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



20.3060, 29.2932, 32.6009



17.9911, 11.5271, 7.9344

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.



35.5650, 29.2932, 20.9182



20.3060, 29.2932, 32.6009



35.8537, 29.2932, 44.6302

Square

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



20.3060, 29.2932, 32.6009



28.0876, 29.2932, 62.2461



37.0447, 29.2932, 31.2000



27.5984, 29.2932, 13.4737

Rectangle

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



20.3060, 29.2932, 32.6009



22.9817, 29.2932, 54.5607



37.0447, 29.2932, 31.2000



33.3440, 29.2932, 16.5789

Sweetspot

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



20.3068, 29.2943, 32.6016



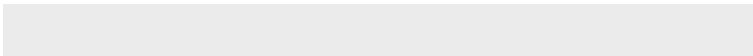
51.4614, 60.0654, 67.1422



16.8507, 28.0359, 8.7990



11.2625, 13.3407, 14.9486



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.3068, 29.2943, 32.6016



33.9121, 51.2511, 55.8075



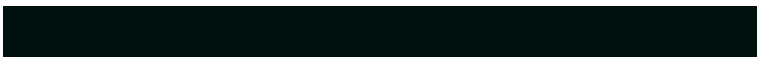
16.0582, 18.7720, 37.4286



7.2316, 7.9934, 8.8311



13.8285, 21.8177, 22.6109



0.3019, 0.4630, 0.5348

Inverse Universe

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



17.9911, 11.5271, 7.9344



29.4691, 16.7924, 8.2063



20.1084, 16.4887, 6.3984



7.1139, 7.1020, 7.5860



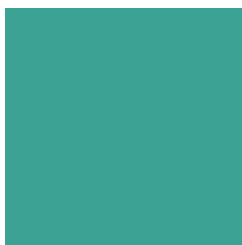
11.8758, 6.1064, 1.2705



0.2609, 0.1329, 0.0865

Previews

White Background



This preview shows how the XYZ color 20.3060, 29.2932, 32.6009 looks on a white background.

Color Contrast Check

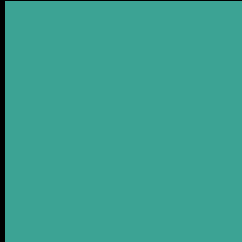
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3060, 29.2932, 32.6009 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

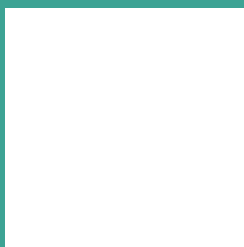
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3060, 29.2932, 32.6009

Background



This preview shows how black text looks on a background with the XYZ color 20.3060, 29.2932, 32.6009.

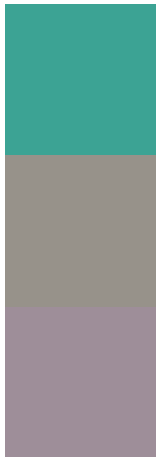


This preview shows how white text looks on a background with the XYZ color 20.3060, 29.2932,

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

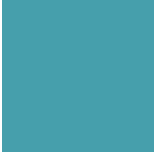
20.3060, 29.2932, 32.6009

Protanopia

27.6288, 28.9721, 28.1807

Deuteranopia

29.5233, 28.9150, 34.1621



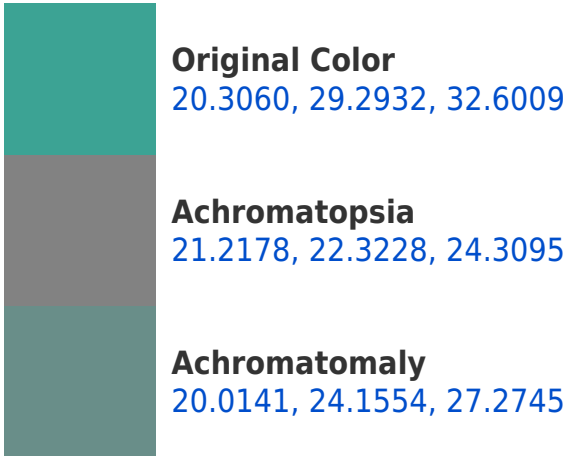
Tritanopia

22.3703, 29.0769, 43.4631

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3060, 29.2932, 32.6009 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, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(60, 163, 148)  
}
```

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, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 163, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.3060, 29.2932, 32.6009 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, 163, 148) }
```


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

```
.border{ border-color:rgb(60, 163, 148) }
```

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

Here you see how a box with a 4 pixel rgb(60, 163, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(60, 163,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3060, 29.2932, 32.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 163, 148) }
```

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

```
.background{ background-color: rgb(60, 163,  
148) }
```

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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