

Converting Colors

XYZ(15.3252, 20.9608, 32.5163)

Have a look what the booklet for
XYZ(15.3252, 20.9608, 32.5163)
contains.

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Color

**XYZ(15.3252, 20.9608,
32.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	1D8B97
RGB	29, 139, 151
RGB Percent	11%, 55%, 59%
CMY	0.8862, 0.4549, 0.4078
CMYK	0.81, 0.08, 0.00, 0.41
HSL	186°, 68%, 35%
HSV	186°, 81%, 59%
XYZ	15.3252, 20.9608, 32.5163
YIQ	107.4780, -69.4120, -19.5880

Conversions

Conversions Part 2

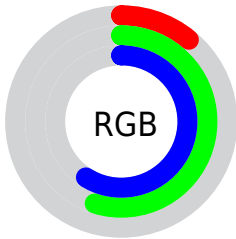
Format	Color
R_{YB}	29, 87, 151
Decimal	1936279
CIE _{Lab}	52.91, -24.87, -14.88
CIE _{LCh}	53, 28.982, 210.890
Yxy	20.9608, 0.2227, 0.3047
Android (android.graphics.Color)	4280126359 (0xFF1D8B97)
YUV	107.4780, 21.4563, -68.8252
Hunter-Lab	45.7830, -20.3698, -10.0613




Details

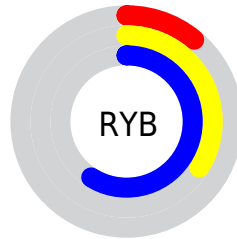
The XYZ color **15.3252, 20.9608, 32.5163** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.7778, 8.2546, 2.0301**, and the grayscale version is **14.0649, 14.7974, 16.1144**.




A 20% lighter version of the original color is **35.0192, 45.0891, 64.6150**, and **5.7900, 7.8995, 13.2762** is the 20% darker color. If you saturate the color by 10%, you get **14.7850, 20.3656, 32.4303**, and if you desaturate by 10%, it is **16.0788, 21.6712, 32.6141**.

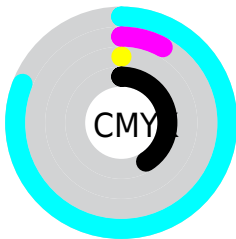
Distribution







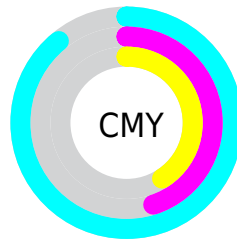
-  Red (11%)
-  Green (55%)
-  Blue (59%)






-  Red (11%)
-  Yellow (34%)
-  Blue (59%)



-  Cyan (81%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (89%)
-  Magenta (45%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3252, 20.9608, 32.5163 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 15.3252, 20.9608, 32.5163 by changing the saturation by 10% instead.

■ 15.3252, 20.9608,
32.5163

■ 15.3252, 20.9608,
32.5163

■ 218.6758,
257.0701, 328.0294

■ 9.1357, 13.0954,
21.4881

■ 34.9897, 45.0223,
64.7269

■ 4.8876, 7.4942,
13.2865

■ 49.1954, 61.9871,
86.7464

■ 2.2156, 3.7731,
7.4931

■ 66.8039, 82.7539,
113.2666

■ 0.7509, 1.5474,
3.6893

■ 88.1805, 107.7069,
144.7063

■ 0.0000, 0.3218,
1.4565

■ 113.6907,
137.2307, 181.4839

■ 0.0000, 0.0000,
0.1852

■ 143.6997,

■ 0.0000, 0.0000,

171.7095, 224.0179

0.0000

178.5730,
211.5279, 272.7269

■ 15.3252, 20.9608,
32.5163

■ 15.3252, 20.9608,
32.5163

■ 14.7850, 20.3656,
32.4303

■ 16.0788, 21.6712,
32.6141

■ 14.4111, 19.8846,
32.3572

■ 17.0710, 22.5084,
32.7234

■ 18.3252, 23.4852,
32.8458

■ 19.8619, 24.6119,
32.9823

■ 21.6993, 25.8981,
33.1337

■ 23.8540, 27.3523,
33.3009

■ 26.3417, 28.9825,
33.4844

■ 29.1766, 30.7963,
33.6851

■ 32.3726, 32.8006,
33.9035

Harmonies

Analogous

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



14.6417, 20.9608, 23.0831



15.3252, 20.9608, 32.5163



17.2179, 20.9608, 40.7466

Triad

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



15.3252, 20.9608, 32.5163



25.4647, 20.9608, 31.9509



19.8322, 20.9608, 9.8646

Complementary

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



15.3252, 20.9608, 32.5163



13.7778, 8.2546, 2.0301

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.



22.8967, 20.9608, 11.1192



15.3252, 20.9608, 32.5163



26.3414, 20.9608, 22.5644

Square

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



15.3252, 20.9608, 32.5163



23.0692, 20.9608, 40.3661



25.3582, 20.9608, 15.2770



17.0760, 20.9608, 11.2806

Rectangle

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



15.3252, 20.9608, 32.5163



19.0134, 20.9608, 43.6058



25.3582, 20.9608, 15.2770



20.8604, 20.9608, 9.9844

Sweetspot

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



15.3259, 20.9616, 32.5168



41.2265, 47.9865, 59.5231



11.9428, 22.5425, 5.6564



9.0827, 10.7125, 13.5065



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.3259, 20.9616, 32.5168



25.9217, 35.7279, 57.9636



8.9498, 8.2095, 30.3915



6.3327, 6.9227, 7.9314



12.2713, 16.9392, 27.5305



0.1965, 0.2793, 0.4159

Inverse Universe

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



17.8626, 9.3227, 25.2849



30.9175, 15.1096, 43.2049



17.5582, 15.8153, 3.2902



6.4350, 6.3132, 7.6710



14.6527, 7.1153, 20.4941



0.2256, 0.1090, 0.3410

Previews

White Background



This preview shows how the XYZ color 15.3252, 20.9608, 32.5163 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 15.3252, 20.9608, 32.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

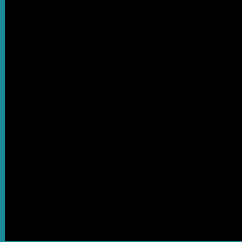
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.3252, 20.9608, 32.5163

Background



This preview shows how black text looks on a background with the XYZ color 15.3252, 20.9608, 32.5163.



This preview shows how white text looks on a background with the XYZ color 15.3252, 20.9608,

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

15.3252, 20.9608, 32.5163

Protanopia

20.3097, 20.8013, 28.1439

Deuteranopia

21.1677, 20.7434, 33.8986



Tritanopia

15.2165, 20.9141, 32.0890

Trichromacy



Original Color

15.3252, 20.9608, 32.5163

Protanomaly

17.2133, 20.1334, 29.7670

Deuteranomaly

17.8028, 20.1575, 33.5243

Tritanomaly

15.2165, 20.9141, 32.0890

Monochromacy



Original Color

15.3252, 20.9608, 32.5163

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.3964, 16.2860, 21.1763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3252, 20.9608, 32.5163 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(29, 139, 151)` looks like.

```
.text, #text, p{  
    color:rgb(29, 139, 151)  
}
```

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(29, 139, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 139, 151) }
```

Border

The CSS property to change the border of an element to XYZ 15.3252, 20.9608, 32.5163 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(29, 139, 151) }
```


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

```
.border{ border-color:rgb(29, 139, 151) }
```

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

Here you see how a box with a 4 pixel rgb(29, 139, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 139, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 139, 151);  
box-shadow:4px 4px 4px 4px rgb(29, 139,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3252, 20.9608, 32.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 139, 151) }
```

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

```
.background{ background-color: rgb(29, 139,  
151) }
```

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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