

Converting Colors

XYZ(15.2756, 24.3542, 22.8268)

Have a look what the booklet for
XYZ(15.2756, 24.3542, 22.8268)
contains.

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Color

**XYZ(15.3178, 24.3864,
22.9685)**

Conversions

Conversions Part 1

Format	Color
Hex	14997C
RGB	20, 153, 124
RGB Percent	8%, 60%, 49%
CMY	0.9215, 0.4000, 0.5137
CMYK	0.87, 0.00, 0.19, 0.40
HSL	167°, 77%, 34%
HSV	167°, 87%, 60%
XYZ	15.3178, 24.3864, 22.9685
YIQ	109.9270, -69.9590, -37.2150

Conversions

Conversions Part 2

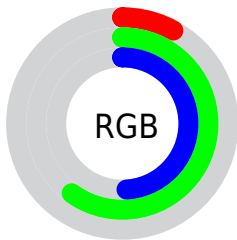
Format	Color
R_{YB}	20, 95, 153
Decimal	1350012
CIE _{Lab}	56.47, -40.29, 5.90
CIE _{LCh}	56, 40.715, 171.674
Y _{xy}	24.3864, 0.2444, 0.3891
Android (android.graphics.Color)	4279540092 (0xFF14997C)
Y _{UV}	109.9270, 6.9380, -78.8660
Hunter-Lab	49.3826, -31.0513, 6.9912

Details

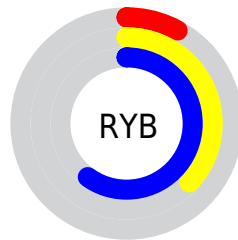
The XYZ color **15.3178, 24.3864, 22.9685** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.9422, 7.4950, 3.6187**, and the grayscale version is **14.7963, 15.5668, 16.9523**.

A 20% lighter version of the original color is **34.9065, 50.5735, 48.9962**, and **5.9237, 9.8154, 8.2390** is the 20% darker color. If you saturate the color by 10%, you get **14.8812, 24.1859, 21.8656**, and if you desaturate by 10%, it is **15.9481, 24.6871, 24.1188**.

Distribution



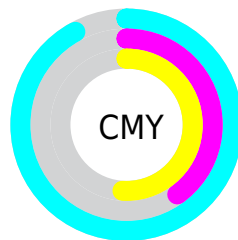
- Red (8%)
- Green (60%)
- Blue (49%)



- Red (8%)
- Yellow (37%)
- Blue (60%)



- Cyan (87%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)




- Cyan (92%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3178, 24.3864, 22.9685 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 15.3178, 24.3864, 22.9685 by changing the saturation by 10% instead.


 15.3178, 24.3864,
22.9685


 15.3178, 24.3864,
22.9685


218.6322,
274.7682, 280.6798


 9.1305, 15.6205,
14.3652


 34.9768, 50.6600,
49.2641


 4.8842, 9.2560,
8.2334


 49.1793, 68.9365,
67.7935


 2.2135, 4.9085,
4.1548

 66.7841, 91.1520,
90.4687

 0.7499, 2.1937,
1.7106

 88.1568, 117.6909,
117.7081

 0.0000, 0.7166,
0.3680

 113.6626,
148.9376, 149.9304

 0.0000, 0.0000,
0.0000

 143.6668,

185.2764, 187.5541

178.5349,
227.0918, 230.9978

■ 15.3178, 24.3864,
22.9685

■ 15.3178, 24.3864,
22.9685

■ 14.8812, 24.1859,
21.8656

■ 15.9481, 24.6871,
24.1188

■ 14.7599, 24.1305,
21.5341

■ 16.8120, 25.1068,
25.3172

■ 17.9361, 25.6599,
26.5657

■ 19.3433, 26.3580,
27.8658

■ 21.0536, 27.2115,
29.2187

■ 23.0852, 28.2298,
30.6257

■ 25.4550, 29.4216,
32.0879

■ 28.1786, 30.7949,
33.6064

■ 31.2706, 32.3572,
35.1821

Harmonies

Analogous

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



16.7709, 24.3864, 13.4898



15.3178, 24.3864, 22.9685



15.7352, 24.3864, 37.3385

Triad

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



15.3178, 24.3864, 22.9685



26.6894, 24.3864, 58.7146



29.2654, 24.3864, 10.9520

Complementary

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



15.3178, 24.3864, 22.9685



13.9422, 7.4950, 3.6187

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.



32.6622, 24.3864, 18.0740



15.3178, 24.3864, 22.9685



31.0402, 24.3864, 46.1205

Square

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



15.3178, 24.3864, 22.9685



21.8907, 24.3864, 61.4049



33.3522, 24.3864, 30.4915



24.5159, 24.3864, 8.2607

Rectangle

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



15.3178, 24.3864, 22.9685



17.0466, 24.3864, 47.8192



33.3522, 24.3864, 30.4915



30.6286, 24.3864, 12.7638

Sweetspot

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



15.3185, 24.3873, 22.9691



41.5029, 50.6357, 54.9504



12.8853, 23.5387, 4.5265



8.8957, 11.0460, 11.9559



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.



15.3185, 24.3873, 22.9691



26.3612, 43.1851, 38.1891



12.4628, 15.2970, 32.4338



6.3269, 7.0035, 7.6448



12.2110, 19.9479, 17.8635



0.1954, 0.3033, 0.3345

Inverse Universe

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



13.9422, 7.4950, 3.6187



23.9696, 12.3056, 3.4334



14.6525, 9.6007, 1.7431



6.2612, 6.2436, 6.7556



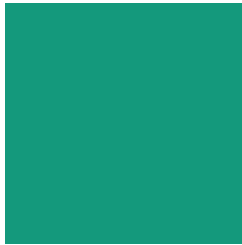
11.0993, 5.6939, 1.7818



0.1776, 0.0898, 0.0878

Previews

White Background



This preview shows how the XYZ color 15.3178, 24.3864, 22.9685 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 15.3178, 24.3864, 22.9685 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 15.3178, 24.3864, 22.9685

Background



This preview shows how black text looks on a background with the XYZ color 15.3178, 24.3864, 22.9685.



This preview shows how white text looks on a background with the XYZ color 15.3178, 24.3864,

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

15.3178, 24.3864, 22.9685

Protanopia

22.7177, 24.0159, 19.3578

Deuteranopia

24.5228, 24.0343, 24.1155



Tritanopia

18.2017, 24.3708, 37.0024

Trichromacy



Original Color

15.3178, 24.3864, 22.9685

Protanomaly

17.8319, 22.9544, 20.6303

Deuteranomaly

18.5128, 22.5928, 23.4638

Tritanomaly

16.9721, 24.3313, 31.4057

Monochromacy



Original Color

15.3178, 24.3864, 22.9685

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.6159, 17.7373, 18.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3178, 24.3864, 22.9685 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(20, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(20, 153, 124)  
}
```

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(20, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 153, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.3178, 24.3864, 22.9685 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(20, 153, 124) }
```


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

```
.border{ border-color:rgb(20, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(20, 153,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3178, 24.3864, 22.9685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 153, 124) }
```

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

```
.background{ background-color: rgb(20, 153,  
124) }
```

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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