

Converting Colors

XYZ(15.1138, 24.3361, 20.5099)

Have a look what the booklet for
XYZ(15.1138, 24.3361, 20.5099)
contains.

XYZ(15.1087, 24.3347, 20.4238)	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(15.1087, 24.3347,
20.4238)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9974
RGB	31, 153, 116
RGB Percent	12%, 60%, 45%
CMY	0.8784, 0.4000, 0.5451
CMYK	0.80, 0.00, 0.24, 0.40
HSL	162°, 66%, 36%
HSV	162°, 80%, 60%
XYZ	15.1087, 24.3347, 20.4238
YIQ	112.3040, -60.8350, -37.3710

Conversions

Conversions Part 2

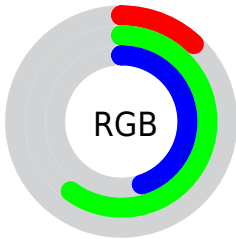
Format	Color
R_{YB}	31, 103, 153
Decimal	2070900
CIE _{Lab}	56.42, -41.31, 10.38
CIE _{LCh}	56, 42.592, 165.898
Yxy	24.3347, 0.2524, 0.4065
Android (android.graphics.Color)	4280260980 (0xFF1F9974)
YUV	112.3040, 1.8221, -71.3036
Hunter-Lab	49.3302, -31.6575, 9.9838

Details

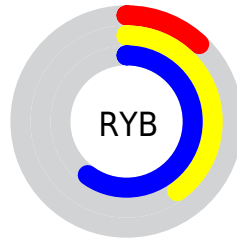
The XYZ color **15.1087, 24.3347, 20.4238** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.6711, 8.1703, 6.2737**, and the grayscale version is **15.4989, 16.3060, 17.7572**.

A 20% lighter version of the original color is **34.5535, 50.4803, 44.9683**, and **5.6971, 9.7247, 7.0456** is the 20% darker color. If you saturate the color by 10%, you get **14.4895, 24.0465, 19.0211**, and if you desaturate by 10%, it is **15.9615, 24.7430, 21.9089**.

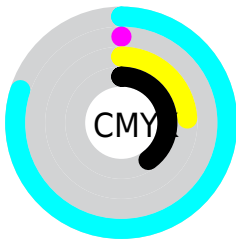
Distribution



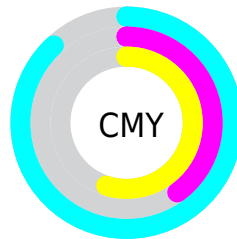
- Red (12%)
- Green (60%)
- Blue (45%)



- Red (12%)
- Yellow (40%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1087, 24.3347, 20.4238 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 15.1087, 24.3347, 20.4238 by changing the saturation by 10% instead.

■ 15.1087, 24.3347,
20.4238

■ 15.1087, 24.3347,
20.4238

217.3986,
274.5083, 266.8800

■ 8.9825, 15.5821,
12.5164

■ 34.6139, 50.5758,
44.9949

■ 4.7868, 9.2289,
6.9696

■ 48.7235, 68.8331,
62.4955

■ 2.1562, 4.8908,
3.3649

■ 66.2251, 91.0275,
84.0311

■ 0.7195, 2.1833,
1.2838

■ 87.4839, 117.5432,
110.0199

■ 0.0000, 0.7109,
0.0485

■ 112.8653,
148.7648, 140.8807

■ 0.0000, 0.0000,
0.0000

■ 142.7346,

185.0765, 177.0320

177.4573,
226.8629, 218.8922

■ 15.1087, 24.3347,
20.4238

■ 15.1087, 24.3347,
20.4238

■ 14.4895, 24.0465,
19.0211

■ 15.9615, 24.7430,
21.9089

■ 14.0359, 23.8415,
17.6951

■ 17.0734, 25.2826,
23.4770

■ 14.0243, 23.8364,
17.6609

■ 18.4688, 25.9668,
25.1307

■ 20.1685, 26.8063,
26.8720

■ 22.1913, 27.8106,
28.7027

■ 24.5547, 28.9889,
30.6245

■ 27.2745, 30.3492,
32.6391

■ 30.3658, 31.8994,
34.7481

■ 33.8427, 33.6466,
36.9530

Harmonies

Analogous

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



16.9751, 24.3347, 11.7515



15.1087, 24.3347, 20.4238



15.1666, 24.3347, 34.6392

Triad

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



15.1087, 24.3347, 20.4238



25.8209, 24.3347, 62.0639



30.3637, 24.3347, 11.4055

Complementary

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



15.1087, 24.3347, 20.4238



14.6711, 8.1703, 6.2737

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.



33.4819, 24.3347, 19.7415



15.1087, 24.3347, 20.4238



30.6159, 24.3347, 50.2002

Square

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



15.1087, 24.3347, 20.4238



20.8985, 24.3347, 62.4526



33.5803, 24.3347, 33.6670



25.5137, 24.3347, 7.9397

Rectangle

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



15.1087, 24.3347, 20.4238



16.2766, 24.3347, 45.7863



33.5803, 24.3347, 33.6670



31.6776, 24.3347, 13.5659

Sweetspot

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



15.1094, 24.3357, 20.4244



41.8894, 50.8743, 53.1915



14.1388, 24.1709, 5.2170



8.9501, 11.0843, 11.4982



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.



15.1094, 24.3357, 20.4244



25.3068, 42.7749, 32.1171



14.3828, 18.7265, 32.9946



6.3047, 6.9946, 7.5282



11.6057, 19.7057, 14.6762



0.1894, 0.3010, 0.3032

Inverse Universe

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



14.6711, 8.1703, 6.2737



24.5925, 12.6929, 6.2877



14.6749, 9.4518, 2.3477



6.2821, 6.2520, 6.8656



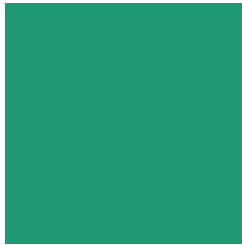
11.2850, 5.7682, 2.7598



0.1835, 0.0922, 0.1192

Previews

White Background



This preview shows how the XYZ color 15.1087, 24.3347, 20.4238 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 15.1087, 24.3347, 20.4238 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 15.1087, 24.3347, 20.4238

Background



This preview shows how black text looks on a background with the XYZ color 15.1087, 24.3347, 20.4238.



This preview shows how white text looks on a background with the XYZ color 15.1087, 24.3347,

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

15.1087, 24.3347, 20.4238

Protanopia

22.5066, 23.9514, 17.3468

Deuteranopia

24.3827, 24.0211, 21.4406



Tritanopia

18.3226, 24.2114, 36.5085

Trichromacy



Original Color

15.1087, 24.3347, 20.4238

Protanomaly

17.8188, 23.0003, 18.2522

Deuteranomaly

18.6026, 22.6970, 20.8533

Tritanomaly

16.8777, 24.0824, 29.7454

Monochromacy



Original Color

15.1087, 24.3347, 20.4238

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.1373, 18.2100, 18.3926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1087, 24.3347, 20.4238 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(31, 153, 116)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 116)  
}
```

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(31, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 116) }
```

Border

The CSS property to change the border of an element to XYZ 15.1087, 24.3347, 20.4238 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(31, 153, 116) }
```


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

```
.border{ border-color:rgb(31, 153, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1087, 24.3347, 20.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 116) }
```

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

```
.background{ background-color: rgb(31, 153,  
116) }
```

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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