

Converting Colors

XYZ(15.2185, 17.4194, 20.6873)

Have a look what the booklet for
XYZ(15.2185, 17.4194, 20.6873)
contains.

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Color

**XYZ(15.2047, 17.4101,
20.6483)**

Conversions

Conversions Part 1

Format	Color
Hex	627879
RGB	98, 120, 121
RGB Percent	38%, 47%, 47%
CMY	0.6157, 0.5294, 0.5255
CMYK	0.19, 0.01, 0.00, 0.53
HSL	183°, 11%, 43%
HSV	183°, 19%, 47%
XYZ	15.2047, 17.4101, 20.6483
YIQ	113.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

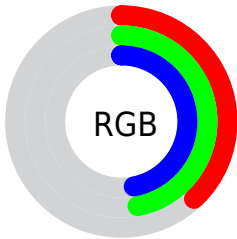
Format	Color
R_{YB}	98, 109, 121
Decimal	6453369
CIE _{Lab}	48.77, -7.77, -3.23
CIE _{LCh}	49, 8.411, 202.565
Yxy	17.4101, 0.2855, 0.3269
Android (android.graphics.Color)	4284643449 (0xFF627879)
YUV	113.5360, 3.6798, -13.6251
Hunter-Lab	41.7254, -7.9742, -0.1326

Details

The XYZ color **15.2047, 17.4101, 20.6483** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5518, 13.8706, 13.4660**, and the grayscale version is **15.8481, 16.6734, 18.1574**.

A 20% lighter version of the original color is **34.6898, 38.9117, 45.2175**, and **4.8852, 5.8196, 7.1691** is the 20% darker color. If you saturate the color by 10%, you get **13.9337, 16.6618, 20.5711**, and if you desaturate by 10%, it is **16.6744, 18.2623, 20.7356**.

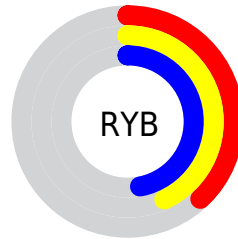
Distribution



Red (38%)

Green (47%)

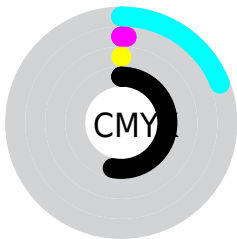
Blue (47%)



Red (38%)

Yellow (43%)

Blue (47%)

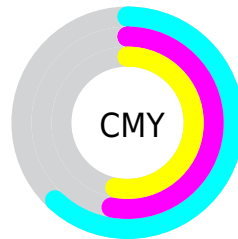


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2047, 17.4101, 20.6483 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 15.2047, 17.4101, 20.6483 by changing the saturation by 10% instead.

■ 15.2047, 17.4101,
20.6483

■ 15.2047, 17.4101,
20.6483

217.9658,
237.5247, 268.1228

■ 9.0504, 10.5273,
12.6784

■ 34.7806, 39.0295,
45.3746

■ 4.8315, 5.7500,
7.0794

■ 48.9329, 54.5350,
62.9682

■ 2.1825, 2.6936,
3.4326

■ 66.4820, 73.6835,
84.6067

■ 0.7335, 0.9740,
1.3195

■ 87.7932, 96.8593,
110.7087

■ 0.0000, 0.0000,
0.0777

113.2318,
124.4470, 141.6928

■ 0.0000, 0.0000,
0.0000

143.1632,

156.8308, 177.9775

177.9527,
194.3953, 219.9813

■ 15.2047, 17.4101,
20.6483

■ 15.2047, 17.4101,
20.6483

■ 13.9337, 16.6618,
20.5711

■ 16.6744, 18.2623,
20.7356

■ 12.8511, 16.0107,
20.5025

■ 18.3497, 19.2205,
20.8323

■ 11.9480, 15.4526,
20.4424

■ 20.2388, 20.2894,
20.9390

■ 11.2139, 14.9822,
20.3903

■ 22.3492, 21.4729,
21.0562

■ 10.6375, 14.5936,
20.3457

■ 24.6878, 22.7746,
21.1842

■ 10.2060, 14.2802,
20.3079

■ 27.2614, 24.1980,
21.3233

■ 9.9047, 14.0344,
20.2763

■ 30.0765, 25.7464,
21.4738

■ 9.6887, 13.8331,
20.2489

■ 33.1392, 27.4230,
21.6360

■ 9.6677, 13.8133,
20.2462

■ 36.4556, 29.2308,
21.8102

Harmonies

Analogous

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



15.1086, 17.4101, 18.4078



15.2047, 17.4101, 20.6483



15.6552, 17.4101, 22.5653

Triad

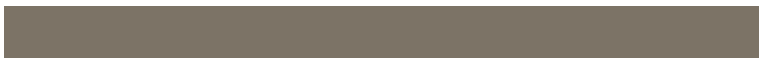
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.2047, 17.4101, 20.6483



17.7640, 17.4101, 21.6814



16.7421, 17.4101, 15.0186

Complementary

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



15.2047, 17.4101, 20.6483



14.5518, 13.8706, 13.4660

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.



17.4737, 17.4101, 15.7548



15.2047, 17.4101, 20.6483



18.0756, 17.4101, 19.5163

Square

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



15.2047, 17.4101, 20.6483



17.1284, 17.4101, 23.1936



17.9677, 17.4101, 17.3600



15.9805, 17.4101, 15.2699

Rectangle

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



15.2047, 17.4101, 20.6483



16.1037, 17.4101, 23.3440



17.9677, 17.4101, 17.3600



17.0000, 17.4101, 15.1566

Sweetspot

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



15.2052, 17.4108, 20.6487



30.6780, 33.1729, 37.1790



14.1157, 17.1682, 14.3162



6.9823, 7.5665, 8.4992



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.2052, 17.4108, 20.6487



26.1452, 30.5428, 36.9103



13.9288, 14.8580, 20.2232



4.0929, 4.4840, 5.0930



10.3581, 14.7986, 21.6958



49.2430, 70.2586, 103.4357

Inverse Universe

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



15.6434, 14.1568, 19.6782



27.0925, 23.5518, 34.8025



15.6949, 16.1567, 13.8470



4.1473, 4.0747, 4.9735



11.8116, 5.7008, 18.0966



56.2587, 27.1598, 85.8814

Previews

White Background



This preview shows how the XYZ color 15.2047, 17.4101, 20.6483 looks on a white 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

Black Background



This preview shows how the XYZ color 15.2047, 17.4101, 20.6483 looks on a black 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

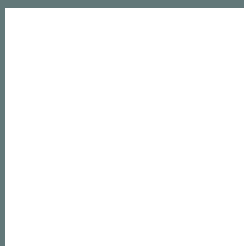
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2047, 17.4101, 20.6483

Background



This preview shows how black text looks on a background with the XYZ color 15.2047, 17.4101, 20.6483.



This preview shows how white text looks on a background with the XYZ color 15.2047, 17.4101,

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

15.2047, 17.4101, 20.6483

Protanopia

16.7369, 17.3514, 19.6066

Deuteranopia

17.6815, 17.3035, 21.1469



Tritanopia

15.6387, 17.4048, 22.9573

Trichromacy



Original Color

15.2047, 17.4101, 20.6483

Protanomaly

16.1215, 17.3695, 19.9557

Deuteranomaly

16.7138, 17.3114, 20.8729

Tritanomaly

15.4441, 17.3270, 21.9325

Monochromacy



Original Color

15.2047, 17.4101, 20.6483

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6406, 16.9633, 19.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2047, 17.4101, 20.6483 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(98, 120, 121) looks like.

```
.text, #text, p{  
    color:rgb(98, 120, 121)  
}
```

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(98, 120, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 120, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.2047, 17.4101, 20.6483 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(98, 120, 121) }
```


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

```
.border{ border-color:rgb(98, 120, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 120, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 120, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 120, 121);  
box-shadow:4px 4px 4px 4px rgb(98, 120,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2047, 17.4101, 20.6483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 120, 121) }
```

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

```
.background{ background-color: rgb(98, 120,  
121) }
```

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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