

Converting Colors

XYZ(15.1889, 17.5957, 20.0708)

Have a look what the booklet for
XYZ(15.1889, 17.5957, 20.0708)
contains.

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Color

**XYZ(15.2041, 17.6033,
20.0492)**

Conversions

Conversions Part 1

Format	Color
Hex	627977
RGB	98, 121, 119
RGB Percent	38%, 47%, 47%
CMY	0.6157, 0.5255, 0.5333
CMYK	0.19, 0.00, 0.02, 0.53
HSL	175°, 11%, 43%
HSV	175°, 19%, 47%
XYZ	15.2041, 17.6033, 20.0492
YIQ	113.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

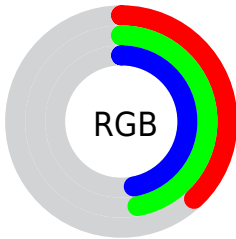
Format	Color
R_{YB}	98, 110, 121
Decimal	6453623
CIE _{Lab}	49.01, -8.80, -1.69
CIE _{LCh}	49, 8.962, 190.896
Yxy	17.6033, 0.2876, 0.3330
Android (android.graphics.Color)	4284643703 (0xFF627977)
YUV	113.8950, 2.5168, -13.9399
Hunter-Lab	41.9563, -8.7388, 1.0371

Details

The XYZ color **15.2041, 17.6033, 20.0492** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5537, 13.7208, 13.9385**, and the grayscale version is **15.9586, 16.7897, 18.2840**.

A 20% lighter version of the original color is **34.6887, 39.2170, 44.2694**, and **4.8199, 5.7935, 6.8254** is the 20% darker color. If you saturate the color by 10%, you get **13.9332, 16.9559, 19.6618**, and if you desaturate by 10%, it is **16.6741, 18.3542, 20.4504**.

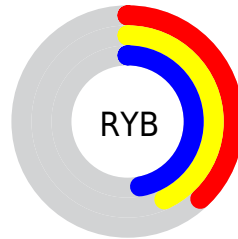
Distribution



Red (38%)

Green (47%)

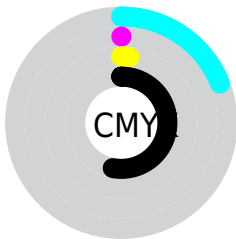
Blue (47%)



Red (38%)

Yellow (43%)

Blue (47%)

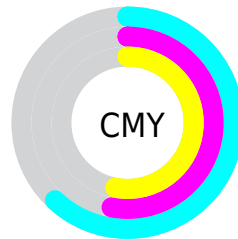


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2041, 17.6033, 20.0492 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 15.2041, 17.6033, 20.0492 by changing the saturation by 10% instead.

■ 15.2041, 17.6033,
20.0492

■ 15.2041, 17.6033,
20.0492

217.9622,
238.6254, 264.7944

■ 9.0500, 10.6656,
12.2464

■ 34.7796, 39.3602,
44.3597

■ 4.8312, 5.8424,
6.7871

■ 48.9316, 54.9481,
61.7045

■ 2.1823, 2.7495,
3.2529

■ 66.4804, 74.1882,
83.0670

■ 0.7334, 1.0024,
1.2252

■ 87.7912, 97.4649,
108.8658

■ 0.0000, 0.0000,
0.0000

113.2295,
125.1626, 139.5193

143.1605,

157.6657, 175.4463

177.9496,
195.3585, 217.0651

■ 15.2041, 17.6033,
20.0492

■ 15.2041, 17.6033,
20.0492

■ 13.9332, 16.9559,
19.6618

■ 16.6741, 18.3542,
20.4504

■ 12.8511, 16.4052,
19.2864

■ 18.3500, 19.2108,
20.8645

■ 11.9487, 15.9471,
18.9231

■ 20.2401, 20.1776,
21.2923

■ 11.2158, 15.5763,
18.5714

■ 22.3518, 21.2587,
21.7341

■ 10.6409, 15.2869,
18.2307

■ 24.6922, 22.4575,
22.1904

■ 10.2113, 15.0723,
17.9004

■ 27.2679, 23.7776,
22.6614

■ 9.9122, 14.9249,
17.5797

■ 30.0854, 25.2222,
23.1475

■ 9.6987, 14.8215,
17.2667

■ 33.1510, 26.7947,
23.6489

■ 9.6780, 14.8115,
17.2359

■ 36.4706, 28.4980,
24.1659

Harmonies

Analogous

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



15.2600, 17.6033, 17.7014



15.2041, 17.6033, 20.0492



15.5471, 17.6033, 22.3371

Triad

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



15.2041, 17.6033, 20.0492



17.8045, 17.6033, 22.8563



17.2623, 17.6033, 15.1429

Complementary

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



15.2041, 17.6033, 20.0492



14.5537, 13.7208, 13.9385

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.



17.9744, 17.6033, 16.3120



15.2041, 17.6033, 20.0492



18.2945, 17.6033, 20.7113

Square

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



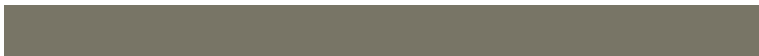
15.2041, 17.6033, 20.0492



17.0367, 17.6033, 24.0451



18.3577, 17.6033, 18.3111



16.4298, 17.6033, 14.9978

Rectangle

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



15.2041, 17.6033, 20.0492



15.9627, 17.6033, 23.4709



18.3577, 17.6033, 18.3111



17.5244, 17.6033, 15.4243

Sweetspot

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



15.2046, 17.6040, 20.0496



30.6773, 33.2849, 36.8291



14.3312, 17.2838, 14.1362



6.9822, 7.5942, 8.4129



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.



15.2046, 17.6040, 20.0496



26.1438, 30.9706, 35.5820



14.2608, 15.5219, 20.3344



4.0927, 4.5067, 5.0222



10.3689, 15.8712, 18.4593



49.3024, 75.6440, 87.2196

Inverse Universe

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



14.5537, 13.7208, 13.9385



24.7429, 22.6120, 22.4295



15.3689, 15.5045, 13.7381



4.0112, 4.0202, 4.2565



8.5098, 4.3801, 0.7097



40.4526, 20.8374, 2.6474

Previews

White Background



This preview shows how the XYZ color 15.2041, 17.6033, 20.0492 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 15.2041, 17.6033, 20.0492 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

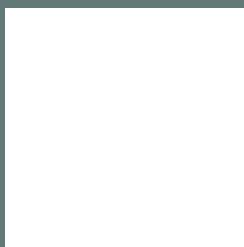
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2041, 17.6033, 20.0492

Background



This preview shows how black text looks on a background with the XYZ color 15.2041, 17.6033, 20.0492.



This preview shows how white text looks on a background with the XYZ color 15.2041, 17.6033,

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

15.2041, 17.6033, 20.0492

Protanopia

16.8690, 17.6033, 19.0317

Deuteranopia

17.8138, 17.5507, 20.5379



Tritanopia

15.8148, 17.4880, 23.3109

Trichromacy



Original Color

15.2041, 17.6033, 20.0492

Protanomaly

16.2449, 17.6207, 19.3746

Deuteranomaly

16.7058, 17.4917, 20.2650

Tritanomaly

15.5637, 17.5663, 21.9724

Monochromacy



Original Color

15.2041, 17.6033, 20.0492

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6980, 17.1717, 19.0101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2041, 17.6033, 20.0492 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, 121, 119) looks like.

```
.text, #text, p{  
    color:rgb(98, 121, 119)  
}
```

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, 121, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 121, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.2041, 17.6033, 20.0492 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, 121, 119) }
```


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

```
.border{ border-color:rgb(98, 121, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 121, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 121, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 121, 119);  
box-shadow:4px 4px 4px 4px rgb(98, 121,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2041, 17.6033, 20.0492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 121, 119) }
```

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

```
.background{ background-color: rgb(98, 121,  
119) }
```

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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