

Converting Colors

XYZ(10.0084, 10.1763, 11.8338)

Have a look what the booklet for
XYZ(10.0084, 10.1763, 11.8338)
contains.

XYZ(10.0624, 10.2622, 11.8064)	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(10.0624, 10.2622,
11.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	5D595D
RGB	93, 89, 93
RGB Percent	36%, 35%, 36%
CMY	0.6353, 0.6510, 0.6353
CMYK	0.00, 0.04, 0.00, 0.64
HSL	300°, 2%, 36%
HSV	300°, 4%, 36%
XYZ	10.0624, 10.2622, 11.8064
YIQ	90.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

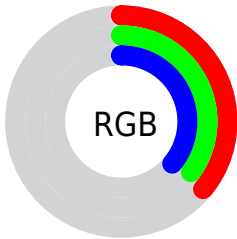
Format	Color
R_{YB}	93, 89, 93
Decimal	6117725
CIE Lab	38.31, 2.44, -1.73
CIE LCh	38, 2.996, 324.614
Yxy	10.2622, 0.3132, 0.3194
Android (android.graphics.Color)	4284307805 (0xFF5D595D)
YUV	90.6520, 1.1576, 2.0592
Hunter-Lab	32.0347, 0.0079, 0.5729

Details

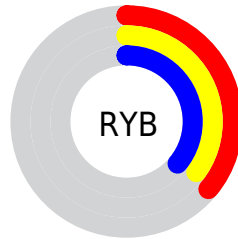
The XYZ color **10.0624, 10.2622, 11.8064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.8378, 10.6742, 10.9936**, and the grayscale version is **9.8626, 10.3762, 11.2997**.

A 20% lighter version of the original color is **25.5182, 26.2880, 29.7157**, and **2.5861, 2.6109, 3.0570** is the 20% darker color. If you saturate the color by 10%, you get **9.3370, 8.8113, 11.5644**, and if you desaturate by 10%, it is **10.8862, 11.9096, 12.0814**.

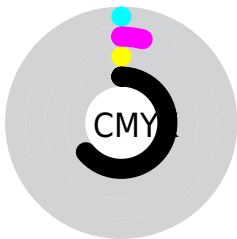
Distribution



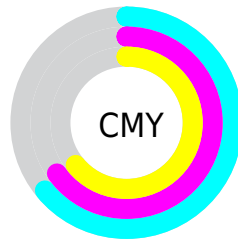
- Red (36%)
- Green (35%)
- Blue (36%)



- Red (36%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0624, 10.2622, 11.8064 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 10.0624, 10.2622, 11.8064 by changing the saturation by 10% instead.

■ 10.0624, 10.2622,
11.8064

■ 10.0624, 10.2622,
11.8064

185.1612,
192.5333, 214.0516

■ 5.5029, 5.5731,
6.4911

■ 25.5614, 26.2875,
29.8011

■ 2.5830, 2.5873,
3.0723

■ 37.2317, 38.3926,
43.3176

■ 0.9373, 0.9203,
1.1317

■ 52.0029, 53.7384,
60.4048

■ 0.0000, 0.0000,
0.0000

■ 70.2405, 72.7095,
81.4813

■ 92.3097, 95.6901,
106.9658

118.5760,

123.0647, 137.2766

149.4047,
155.2176, 172.8323

■ 10.0624, 10.2622,
11.8064

■ 10.0624, 10.2622,
11.8064

■ 9.3370, 8.8113,
11.5644

■ 10.8862, 11.9096,
12.0814

■ 8.7054, 7.5483,
11.3536

■ 11.8110, 13.7590,
12.3899

■ 8.1641, 6.4658,
11.1729

■ 12.8402, 15.8175,
12.7333

■ 7.7091, 5.5558,
11.0209

■ 13.9772, 18.0912,
13.1126

■ 7.3357, 4.8092,
10.8962

■ 15.2247, 20.5862,
13.5287

7.0393, 4.2163,
10.7971

16.5858, 23.3083,
13.9827

6.8143, 3.7666,
10.7219

18.0631, 26.2629,
14.4754

6.6549, 3.4478,
10.6684

19.6595, 29.4555,
15.0078

6.5472, 3.2324,
10.6322

21.3774, 32.8912,
15.5807

Harmonies

Analogous

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



9.9107, 10.2622, 12.1774



10.0624, 10.2622, 11.8064



10.1315, 10.2622, 11.2748

Triad

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



10.0624, 10.2622, 11.8064



9.7891, 10.2622, 10.1397



9.4174, 10.2622, 11.6264

Complementary

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



10.0624, 10.2622, 11.8064



9.8378, 10.6742, 10.9936

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.



9.3858, 10.2622, 11.0734



10.0624, 10.2622, 11.8064



9.5988, 10.2622, 10.2269

Square

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



10.0624, 10.2622, 11.8064



9.9724, 10.2622, 10.3221



9.4518, 10.2622, 10.5642



9.5387, 10.2622, 12.0711

Rectangle

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



10.0624, 10.2622, 11.8064



10.1208, 10.2622, 10.9054



9.4518, 10.2622, 10.5642



9.3960, 10.2622, 11.4466

Sweetspot

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



10.0627, 10.2626, 11.8066



17.6614, 18.4456, 20.3511



9.6684, 10.0594, 11.7883



4.4313, 4.6312, 5.1035



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



10.0627, 10.2626, 11.8066



17.1072, 17.3373, 20.1661



9.9753, 10.2277, 11.3463



2.4826, 2.5134, 2.9287



9.1816, 4.4104, 15.0152



50.2783, 24.1516, 82.2221

Inverse Universe

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



10.0627, 10.2626, 11.8066



17.1072, 17.3373, 20.1661



9.9229, 10.7082, 11.4418



2.4826, 2.5134, 2.9287



9.1816, 4.4104, 15.0152



50.2783, 24.1516, 82.2221

Previews

White Background



This preview shows how the XYZ color 10.0624, 10.2622, 11.8064 looks on a white background.

Color Contrast Check

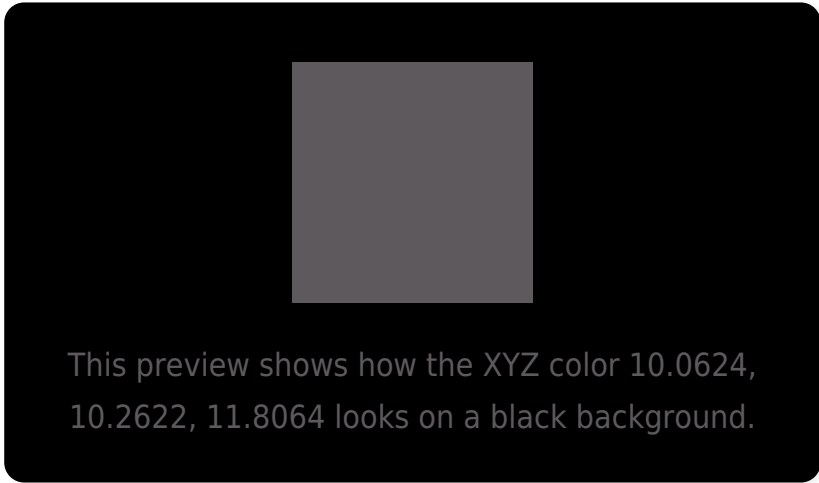
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.0624, 10.2622, 11.8064

Background



This preview shows how black text looks on a background with the XYZ color 10.0624, 10.2622, 11.8064.



This preview shows how white text looks on a background with the XYZ color 10.0624, 10.2622,

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

10.0624, 10.2622, 11.8064

Protanopia

9.9463, 10.3268, 11.8250

Deuteranopia

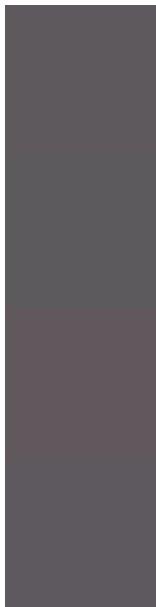
10.3137, 10.1481, 11.7711



Tritanopia

10.1979, 10.3164, 12.5201

Trichromacy



Original Color

10.0624, 10.2622, 11.8064

Protanomaly

10.0456, 10.3780, 11.8296

Deuteranomaly

10.2894, 10.2566, 11.7933

Tritanomaly

10.1521, 10.2981, 12.2791

Monochromacy



Original Color

10.0624, 10.2622, 11.8064

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0016, 10.3603, 11.5978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0624, 10.2622, 11.8064 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(93, 89, 93) looks like.

```
.text, #text, p{  
    color:rgb(93, 89, 93)  
}
```

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(93, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 89, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.0624, 10.2622, 11.8064 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(93, 89, 93) }
```


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

```
.border{ border-color:rgb(93, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 89, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0624, 10.2622, 11.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 89, 93) }
```

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

```
.background{ background-color: rgb(93, 89,  
93) }
```

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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