

Converting Colors

XYZ(12.0780, 13.6055, 14.3065)

Have a look what the booklet for
XYZ(12.0780, 13.6055, 14.3065)
contains.

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Color

**XYZ(12.1191, 13.6273,
14.3035)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6A65
RGB	94, 106, 101
RGB Percent	37%, 42%, 40%
CMY	0.6314, 0.5843, 0.6039
CMYK	0.11, 0.00, 0.05, 0.58
HSL	155°, 6%, 39%
HSV	155°, 11%, 42%
XYZ	12.1191, 13.6273, 14.3035
YIQ	101.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

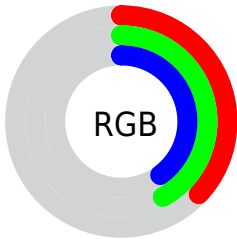
Format	Color
R_{YB}	94, 102, 106
Decimal	6187621
CIE Lab	43.69, -5.64, 1.25
CIE LCh	44, 5.777, 167.499
Yxy	13.6273, 0.3026, 0.3403
Android (android.graphics.Color)	4284377701 (0xFF5E6A65)
YUV	101.8420, -0.4151, -6.8774
Hunter-Lab	36.9152, -6.0007, 2.8676

Details

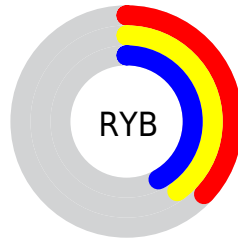
The XYZ color **12.1191, 13.6273, 14.3035** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1992, 11.9708, 13.4727**, and the grayscale version is **12.5904, 13.2461, 14.4250**.

A 20% lighter version of the original color is **29.2261, 32.3102, 34.4019**, and **3.4487, 4.0226, 4.0847** is the 20% darker color. If you saturate the color by 10%, you get **10.8953, 13.0211, 13.1467**, and if you desaturate by 10%, it is **13.5046, 14.3163, 15.5292**.

Distribution



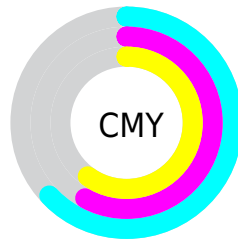
- Red (37%)
- Green (42%)
- Blue (40%)



- Red (37%)
- Yellow (40%)
- Blue (42%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1191, 13.6273, 14.3035 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 12.1191, 13.6273, 14.3035 by changing the saturation by 10% instead.

■ 12.1191, 13.6273,
14.3035

■ 12.1191, 13.6273,
14.3035

198.9460,
214.8998, 230.6045

■ 6.8976, 7.8619,
8.1909

■ 29.3268, 32.4262,
34.3514

■ 3.4439, 4.0067,
4.1278

■ 42.0438, 46.2286,
49.1238

■ 1.3926, 1.6773,
1.6957

■ 57.9899, 63.4787,
67.6199

■ 0.2510, 0.4089,
0.3578

■ 77.5306, 84.5610,
90.2582

■ 0.0000, 0.0000,
0.0000

101.0312,
109.8599, 117.4573

128.8571,

139.7597, 149.6357

161.3736,
174.6448, 187.2119

■ 12.1191, 13.6273,
14.3035

■ 12.1191, 13.6273,
14.3035

■ 10.8953, 13.0211,
13.1467

■ 13.5046, 14.3163,
15.5292

■ 9.8259, 12.4928,
12.0567

■ 15.0566, 15.0893,
16.8241

■ 8.9045, 12.0396,
11.0324

■ 16.7810, 15.9498,
18.1896

■ 8.1241, 11.6577,
10.0726

■ 18.6831, 16.9005,
19.6269

■ 7.4768, 11.3432,
9.1758

■ 20.7680, 17.9441,
21.1371

■ 6.9542, 11.0917,
8.3407

■ 23.0406, 19.0829,
22.7212

■ 6.5466, 10.8983,
7.5657

■ 25.5056, 20.3195,
24.3804

■ 6.2428, 10.7572,
6.8491

■ 28.1675, 21.6561,
26.1156

■ 6.0190, 10.6544,
6.2717

■ 31.0305, 23.0949,
27.9279

Harmonies

Analogous

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



12.3197, 13.6273, 13.2129



12.1191, 13.6273, 14.3035



12.1379, 13.6273, 15.6019

Triad

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



12.1191, 13.6273, 14.3035



13.2165, 13.6273, 17.3507



13.5508, 13.6273, 13.0708

Complementary

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



12.1191, 13.6273, 14.3035



12.1992, 11.9708, 13.4727

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.



13.8024, 13.6273, 14.0991



12.1191, 13.6273, 14.3035



13.6063, 13.6273, 16.5907

Square

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



12.1191, 13.6273, 14.3035



12.7644, 13.6273, 17.4134



13.8229, 13.6273, 15.3853



13.1421, 13.6273, 12.5296

Rectangle

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



12.1191, 13.6273, 14.3035



12.2724, 13.6273, 16.4114



13.8229, 13.6273, 15.3853



13.6569, 13.6273, 13.3681

Sweetspot

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



12.1195, 13.6279, 14.3038



23.2508, 24.9009, 26.8654



12.3423, 13.7807, 12.5994



5.4065, 5.8131, 6.2584



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



12.1195, 13.6279, 14.3038



20.5810, 23.5749, 24.4674



12.2900, 13.5648, 15.6068



3.1310, 3.4716, 3.6740



7.4524, 13.2150, 7.6935



37.5332, 67.1604, 36.8841

Inverse Universe

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



12.1992, 11.9708, 13.4727



20.7553, 19.9524, 22.6506



12.0389, 12.0211, 12.2758



3.1472, 3.1358, 3.5055



7.9284, 4.0235, 3.2517



39.9857, 20.3362, 14.3935

Previews

White Background



This preview shows how the XYZ color 12.1191, 13.6273, 14.3035 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 12.1191, 13.6273, 14.3035 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

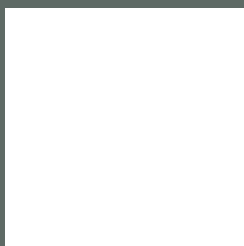
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.1191, 13.6273, 14.3035

Background



This preview shows how black text looks on a background with the XYZ color 12.1191, 13.6273, 14.3035.



This preview shows how white text looks on a background with the XYZ color 12.1191, 13.6273,

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

12.1191, 13.6273, 14.3035

Protanopia

13.0462, 13.6655, 13.7545

Deuteranopia

13.7655, 13.5844, 14.4669



Tritanopia

12.7548, 13.5797, 17.5717

Trichromacy



Original Color

12.1191, 13.6273, 14.3035

Protanomaly

12.7301, 13.6455, 14.0195

Deuteranomaly

13.0935, 13.5262, 14.4911

Tritanomaly

12.5312, 13.6402, 16.4403

Monochromacy



Original Color

12.1191, 13.6273, 14.3035

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.3941, 13.3125, 14.4867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1191, 13.6273, 14.3035 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(94, 106, 101) looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 101)  
}
```

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(94, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 101) }
```

Border

The CSS property to change the border of an element to XYZ 12.1191, 13.6273, 14.3035 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(94, 106, 101) }
```


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

```
.border{ border-color:rgb(94, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1191, 13.6273, 14.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 101) }
```

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

```
.background{ background-color: rgb(94, 106,  
101) }
```

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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