

Converting Colors

XYZ(10.2131, 11.7105, 12.6938)

Have a look what the booklet for
XYZ(10.2131, 11.7105, 12.6938)
contains.

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Color

**XYZ(10.2293, 11.6530,
12.7764)**

Conversions

Conversions Part 1

Format	Color
Hex	546360
RGB	84, 99, 96
RGB Percent	33%, 39%, 38%
CMY	0.6706, 0.6118, 0.6235
CMYK	0.15, 0.00, 0.03, 0.61
HSL	168°, 8%, 36%
HSV	168°, 15%, 39%
XYZ	10.2293, 11.6530, 12.7764
YIQ	94.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

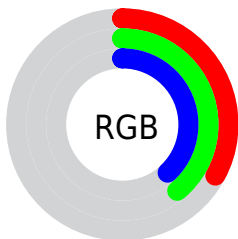
Format	Color
R _Y B	84, 92, 99
Decimal	5530464
CIE Lab	40.66, -6.39, -0.23
CIE LCh	41, 6.392, 182.026
Yxy	11.6530, 0.2951, 0.3362
Android (android.graphics.Color)	4283720544 (0xFF546360)
YUV	94.1730, 0.9007, -8.9217
Hunter-Lab	34.1365, -6.2498, 1.7048

Details

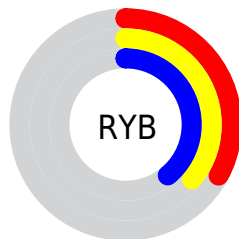
The XYZ color **10.2293, 11.6530, 12.7764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0366, 9.6817, 10.3571**, and the grayscale version is **10.6798, 11.2360, 12.2360**.

A 20% lighter version of the original color is **25.9262, 28.9563, 31.4168**, and **2.6404, 3.1176, 3.4802** is the 20% darker color. If you saturate the color by 10%, you get **9.3151, 11.1924, 12.2637**, and if you desaturate by 10%, it is **11.2717, 12.1800, 13.3076**.

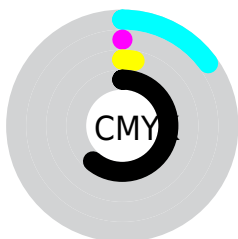
Distribution



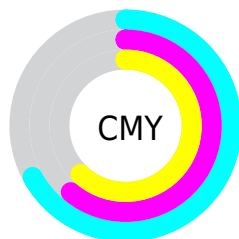
- Red (33%)
- Green (39%)
- Blue (38%)



- Red (33%)
- Yellow (36%)
- Blue (39%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (61%)



- Cyan (67%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2293, 11.6530, 12.7764 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 10.2293, 11.6530, 12.7764 by changing the saturation by 10% instead.

■ 10.2293, 11.6530,
12.7764

■ 10.2293, 11.6530,
12.7764

186.3205,
202.0943, 220.6369

■ 5.6147, 6.5079,
7.1458

■ 25.8717, 28.8615,
31.5868

■ 2.6506, 3.1563,
3.4736

■ 37.6302, 41.6937,
45.6037

■ 0.9718, 1.2139,
1.3413

■ 52.5006, 57.8570,
63.2531

■ 0.0000, 0.0730,
0.0953

■ 70.8485, 77.7358,
84.9535

■ 0.0000, 0.0000,
0.0000

■ 93.0390, 101.7146,
111.1236

119.4376,

130.1777, 142.1818

150.4097,
163.5094, 178.5468

■ 10.2293, 11.6530,
12.7764

■ 10.2293, 11.6530,
12.7764

■ 9.3151, 11.1924,
12.2637

■ 11.2717, 12.1800,
13.3076

■ 8.5229, 10.7942,
11.7684

■ 12.4464, 12.7746,
13.8568

■ 7.8475, 10.4559,
11.2903

■ 13.7582, 13.4397,
14.4246

■ 7.2827, 10.1743,
10.8292

■ 15.2116, 14.1775,
15.0113

■ 6.8219, 9.9462,
10.3846

■ 16.8110, 14.9902,
15.6172

■ 6.4579, 9.7676,
9.9561

■ 18.5602, 15.8800,
16.2425

■ 6.1823, 9.6344,
9.5432

■ 20.4633, 16.8488,
16.8875

■ 5.9758, 9.5365,
9.1449

■ 22.5240, 17.8985,
17.5525

■ 5.8804, 9.4914,
8.9561

■ 24.7459, 19.0311,
18.2377

Harmonies

Analogous

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



10.3254, 11.6530, 11.5554



10.2293, 11.6530, 12.7764



10.3548, 11.6530, 14.0552

Triad

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



10.2293, 11.6530, 12.7764



11.5434, 11.6530, 14.9189



11.4888, 11.6530, 10.6133

Complementary

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



10.2293, 11.6530, 12.7764



10.0366, 9.6817, 10.3571

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.



11.8296, 11.6530, 11.4127



10.2293, 11.6530, 12.7764



11.8617, 11.6530, 13.8926

Square

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



10.2293, 11.6530, 12.7764



11.1066, 11.6530, 15.3433



11.9678, 11.6530, 12.6003



11.0451, 11.6530, 10.3584

Rectangle

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



10.2293, 11.6530, 12.7764



10.5493, 11.6530, 14.7544



11.9678, 11.6530, 12.6003



11.6196, 11.6530, 10.8244

Sweetspot

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



10.2296, 11.6535, 12.7767



19.3372, 20.8944, 22.8285



10.0163, 11.6025, 10.0993



4.5751, 4.9557, 5.4158



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.2296, 11.6535, 12.7767



16.9965, 19.7121, 21.6177



9.9784, 10.9255, 13.3878



2.6201, 2.8868, 3.1595



7.6511, 12.3665, 11.6009



40.5574, 65.9379, 60.3073

Inverse Universe

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



10.0366, 9.6817, 10.3571



16.6009, 15.6694, 16.6577



10.2565, 10.3137, 9.8379



2.5918, 2.5976, 2.8047



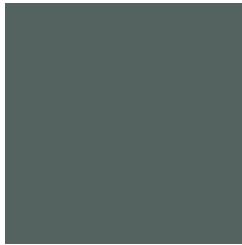
6.8568, 3.5176, 1.0996



36.3661, 18.6859, 4.4821

Previews

White Background



This preview shows how the XYZ color 10.2293, 11.6530, 12.7764 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 10.2293, 11.6530, 12.7764 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

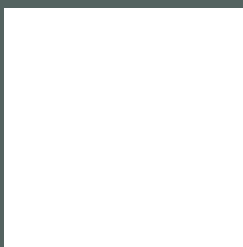
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2293, 11.6530, 12.7764

Background



This preview shows how black text looks on a background with the XYZ color 10.2293, 11.6530, 12.7764.



This preview shows how white text looks on a background with the XYZ color 10.2293, 11.6530,

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

10.2293, 11.6530, 12.7764

Protanopia

11.1496, 11.5892, 12.2390

Deuteranopia

11.7809, 11.6348, 12.9341



Tritanopia

10.7552, 11.7337, 15.0626

Trichromacy



Original Color

10.2293, 11.6530, 12.7764

Protanomaly

10.7626, 11.5191, 12.4826

Deuteranomaly

11.1796, 11.5889, 12.9569

Tritanomaly

10.5123, 11.6260, 14.2604

Monochromacy



Original Color

10.2293, 11.6530, 12.7764

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4649, 11.3656, 12.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2293, 11.6530, 12.7764 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(84, 99, 96) looks like.

```
.text, #text, p{  
    color:rgb(84, 99, 96)  
}
```

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(84, 99, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 99, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.2293, 11.6530, 12.7764 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(84, 99, 96) }
```


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

```
.border{ border-color:rgb(84, 99, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 99, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 99, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 99, 96);  
box-shadow:4px 4px 4px 4px rgb(84, 99, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2293, 11.6530, 12.7764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 99, 96) }
```

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

```
.background{ background-color: rgb(84, 99,  
96) }
```

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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