

Converting Colors

XYZ(10.2714, 12.1348, 11.4969)

Have a look what the booklet for
XYZ(10.2714, 12.1348, 11.4969)
contains.

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Color

**XYZ(10.2530, 12.1257,
11.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	54665A
RGB	84, 102, 90
RGB Percent	33%, 40%, 35%
CMY	0.6706, 0.6000, 0.6471
CMYK	0.18, 0.00, 0.12, 0.60
HSL	140°, 10%, 36%
HSV	140°, 18%, 40%
XYZ	10.2530, 12.1257, 11.4730
YIQ	95.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

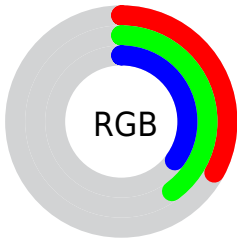
Format	Color
R_{YB}	84, 98, 102
Decimal	5531226
CIE _{Lab}	41.42, -9.46, 4.53
CIE _{LCh}	41, 10.490, 154.432
Yxy	12.1257, 0.3029, 0.3582
Android (android.graphics.Color)	4283721306 (0xFF54665A)
YUV	95.2500, -2.5882, -9.8663
Hunter-Lab	34.8220, -8.3808, 4.8408

Details

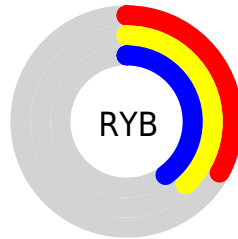
The XYZ color **10.2530, 12.1257, 11.4730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7616, 10.0103, 12.4318**, and the grayscale version is **10.9446, 11.5146, 12.5394**.

A 20% lighter version of the original color is **25.9564, 29.7442, 29.1841**, and **2.6575, 3.3456, 2.8886** is the 20% darker color. If you saturate the color by 10%, you get **9.1294, 11.5787, 9.9780**, and if you desaturate by 10%, it is **11.5368, 12.7528, 13.1143**.

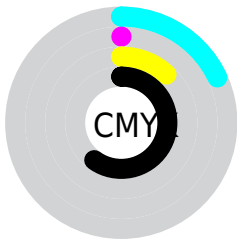
Distribution



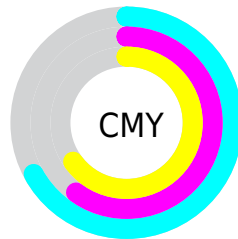
- Red (33%)
- Green (40%)
- Blue (35%)



- Red (33%)
- Yellow (38%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (67%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2530, 12.1257, 11.4730 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 10.2530, 12.1257, 11.4730 by changing the saturation by 10% instead.

■ 10.2530, 12.1257,
11.4730

■ 10.2530, 12.1257,
11.4730

186.4845,
205.2357, 211.7371

■ 5.6306, 6.8293,
6.2678

■ 25.9157, 29.7238,
29.1815

■ 2.6603, 3.3556,
2.9372

■ 37.6866, 42.7944,
42.5218

■ 0.9768, 1.3201,
1.0626

■ 52.5711, 59.2252,
59.4109

■ 0.0000, 0.1567,
0.0000

■ 70.9346, 79.4005,
80.2673

■ 0.0000, 0.0000,
0.0000

■ 93.1423, 103.7049,
105.5096

119.5596,

132.5226, 135.5563

150.5519,
166.2380, 170.8259

■ 10.2530, 12.1257,
11.4730

■ 10.2530, 12.1257,
11.4730

■ 9.1294, 11.5787,
9.9780

■ 11.5368, 12.7528,
13.1143

■ 8.1585, 11.1072,
8.6246

■ 12.9857, 13.4617,
14.9048

■ 7.3338, 10.7081,
7.4087

■ 14.6060, 14.2556,
16.8487

■ 6.6479, 10.3777,
6.3260

■ 16.4029, 15.1373,
18.9494

■ 6.0926, 10.1120,
5.3720

■ 18.3819, 16.1095,
21.2104

■ 5.6589, 9.9064,
4.5416

■ 20.5477, 17.1746,
23.6349

■ 5.3368, 9.7557,
3.8298

■ 22.9053, 18.3351,
26.2264

■ 5.0939, 9.6436,
3.2300

■ 25.4593, 19.5933,
28.9878

■ 5.0403, 9.6186,
3.1042

■ 28.2141, 20.9513,
31.9222

Harmonies

Analogous

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



10.7162, 12.1257, 10.0348



10.2530, 12.1257, 11.4730



10.1248, 12.1257, 13.5298

Triad

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



10.2530, 12.1257, 11.4730



11.6387, 12.1257, 17.8451



12.7766, 12.1257, 10.9690

Complementary

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



10.2530, 12.1257, 11.4730



10.7616, 10.0103, 12.4318

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.



13.0489, 12.1257, 12.8811



10.2530, 12.1257, 11.4730



12.3738, 12.1257, 16.9760

Square

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



10.2530, 12.1257, 11.4730



10.9041, 12.1257, 17.3624



12.8983, 12.1257, 15.0983



12.1692, 12.1257, 9.7671

Rectangle

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



10.2530, 12.1257, 11.4730



10.2417, 12.1257, 15.0160



12.8983, 12.1257, 15.0983



12.9116, 12.1257, 11.5418

Sweetspot

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



10.2533, 12.1262, 11.4733



20.8408, 22.6623, 23.7600



11.2075, 12.6464, 10.2380



4.8881, 5.3323, 5.5697



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.2533, 12.1262, 11.4733



17.1690, 20.8698, 19.0535



10.6457, 12.2832, 13.5396



2.8313, 3.1563, 3.2132



6.4561, 12.3461, 3.8975



33.3022, 64.2434, 18.3794

Inverse Universe

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



10.7616, 10.0103, 12.4318



18.2315, 16.4452, 21.0570



10.3828, 9.8588, 10.4372



2.8991, 2.8743, 3.3410



8.3595, 4.1567, 7.2912



43.1816, 21.5126, 35.8290

Previews

White Background



This preview shows how the XYZ color 10.2530, 12.1257, 11.4730 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 10.2530, 12.1257, 11.4730 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 10.2530, 12.1257, 11.4730

Background



This preview shows how black text looks on a background with the XYZ color 10.2530, 12.1257, 11.4730.

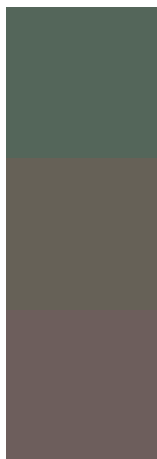


This preview shows how white text looks on a background with the XYZ color 10.2530, 12.1257,

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

10.2530, 12.1257, 11.4730

Protanopia

11.4745, 12.0623, 10.7403

Deuteranopia

12.2411, 12.0293, 11.8019



Tritanopia

11.0462, 12.0115, 15.6462

Trichromacy



Original Color

10.2530, 12.1257, 11.4730

Protanomaly

10.9426, 12.0612, 10.9838

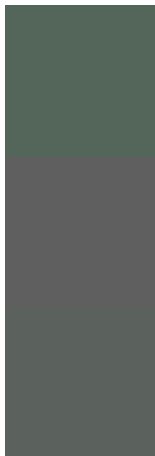
Deuteranomaly

11.4186, 12.0140, 11.6146

Tritanomaly

10.7439, 12.0324, 14.0681

Monochromacy



Original Color

10.2530, 12.1257, 11.4730

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.6579, 11.7498, 12.0621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2530, 12.1257, 11.4730 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, 102, 90) looks like.

```
.text, #text, p{  
    color:rgb(84, 102, 90)  
}
```

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, 102, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 102, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.2530, 12.1257, 11.4730 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, 102, 90) }
```


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

```
.border{ border-color:rgb(84, 102, 90) }
```

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

Here you see how a box with a 4 pixel rgb(84, 102, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 102, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 102, 90);  
box-shadow:4px 4px 4px 4px rgb(84, 102,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2530, 12.1257, 11.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 102, 90) }
```

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

```
.background{ background-color: rgb(84, 102,  
90) }
```

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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