

Converting Colors

XYZ(15.4787, 13.0512, 2.7162)

Have a look what the booklet for
XYZ(15.4787, 13.0512, 2.7162)
contains.

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Color

**XYZ(15.4601, 13.0065,
2.7326)**

Conversions

Conversions Part 1

Format	Color
Hex	92571B
RGB	146, 87, 27
RGB Percent	57%, 34%, 11%
CMY	0.4275, 0.6588, 0.8941
CMYK	0.00, 0.40, 0.82, 0.43
HSL	30°, 69%, 34%
HSV	30°, 82%, 57%
XYZ	15.4601, 13.0065, 2.7326
YIQ	97.8010, 54.4240, -6.1520

Conversions

Conversions Part 2

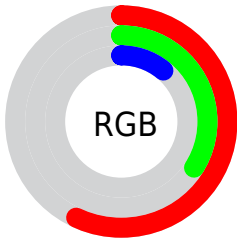
Format	Color
R_{YB}	144, 146, 27
Decimal	9590555
CIE _{Lab}	42.77, 19.60, 42.78
CIE _{LCh}	43, 47.055, 65.379
Y _{xy}	13.0065, 0.4955, 0.4169
Android (android.graphics.Color)	4287780635 (0xFF92571B)
YUV	97.8010, -34.9049, 42.2705
Hunter-Lab	36.0645, 13.4063, 20.7528

Details

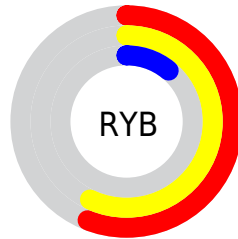
The XYZ color **15.4601, 13.0065, 2.7326** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.9679, 8.9636, 28.4515**, and the grayscale version is **11.6348, 12.2408, 13.3302**.

A 20% lighter version of the original color is **35.1520, 31.2505, 11.0167**, and **5.0094, 3.7595, 0.4616** is the 20% darker color. If you saturate the color by 10%, you get **14.7744, 11.8416, 1.8678**, and if you desaturate by 10%, it is **16.2891, 14.3239, 4.0596**.

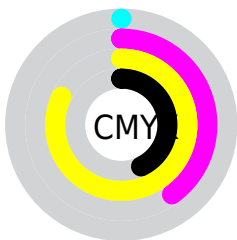
Distribution



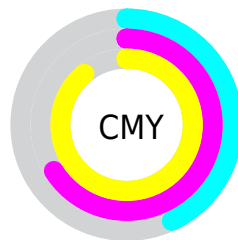
- Red (57%)
- Green (34%)
- Blue (11%)



- Red (56%)
- Yellow (57%)
- Blue (11%)



- Cyan (0%)
- Magenta (40%)
- Yellow (82%)
- Black (43%)



- Cyan (43%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4601, 13.0065, 2.7326 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 15.4601, 13.0065, 2.7326 by changing the saturation by 10% instead.

■ 15.4601, 13.0065,
2.7326

■ 15.4601, 13.0065,
2.7326

219.4680,
210.9593, 132.8785

■ 9.2313, 7.4330,
0.9598

■ 35.2234, 31.3155,
10.9612

■ 4.9507, 3.7344,
0.0000

■ 49.4887, 44.8197,
18.2540

■ 2.2528, 1.5261,
0.0000

■ 67.1635, 61.7364,
28.2239

■ 0.7704, 0.3070,
0.0000

■ 88.6132, 82.4498,
41.2894

■ 0.0000, 0.0000,
0.0000

■ 114.2031,
107.3445, 57.8691

■ 144.2987,

136.8046, 78.3815

■ 179.2652,
171.2148, 103.2451

■ 15.4601, 13.0065,
2.7326

■ 15.4601, 13.0065,
2.7326

■ 14.7744, 11.8416,
1.8678

■ 16.2891, 14.3239,
4.0596

■ 14.2773, 10.9576,
1.3625

■ 17.2733, 15.7995,
5.9066

■ 18.4237, 17.4408,
8.3234

■ 19.7502, 19.2542,
11.3538

■ 21.2616, 21.2456,
15.0373

■ 22.9661, 23.4205,
19.4100

■ 24.8714, 25.7843,
24.5054

■ 26.9846, 28.3419,
30.3546

■ 29.3126, 31.0981,
36.9871

Harmonies

Analogous

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



18.8726, 13.0065, 5.5351



15.4601, 13.0065, 2.7326



11.7277, 13.0065, 2.2014

Triad

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



15.4601, 13.0065, 2.7326



6.6940, 13.0065, 16.0929



16.7950, 13.0065, 37.1067

Complementary

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



15.4601, 13.0065, 2.7326



8.9679, 8.9636, 28.4515

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.



13.0193, 13.0065, 44.2842



15.4601, 13.0065, 2.7326



7.5533, 13.0065, 28.9307

Square

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



15.4601, 13.0065, 2.7326



7.0978, 13.0065, 7.4301



9.7087, 13.0065, 40.7336



19.7417, 13.0065, 24.0740

Rectangle

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



15.4601, 13.0065, 2.7326



9.6386, 13.0065, 2.7696



9.7087, 13.0065, 40.7336



15.5561, 13.0065, 40.5111

Sweetspot

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



15.4604, 13.0072, 2.7328



39.5824, 40.1387, 31.8119



13.9460, 7.5749, 9.6374



8.5913, 8.6563, 6.5264



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.4604, 13.0072, 2.7328



25.2090, 19.3417, 2.5130



22.3307, 26.7478, 5.0229



6.0280, 6.2697, 6.1329



12.5865, 9.6873, 1.2065



0.1835, 0.1775, 0.0246

Inverse Universe

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



8.9679, 8.9636, 28.4515



13.3333, 11.9521, 49.5778



6.0323, 3.0923, 27.4729



5.7227, 6.0794, 7.3416



6.6491, 5.9930, 24.7374



0.1108, 0.1321, 0.3126

Previews

White Background



This preview shows how the XYZ color 15.4601, 13.0065, 2.7326 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 15.4601, 13.0065, 2.7326 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 15.4601, 13.0065, 2.7326

Background



This preview shows how black text looks on a background with the XYZ color 15.4601, 13.0065, 2.7326.



This preview shows how white text looks on a background with the XYZ color 15.4601, 13.0065,

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

15.4601, 13.0065, 2.7326

Protanopia

11.9381, 13.1791, 3.2109

Deuteranopia

13.2396, 13.0168, 2.6253



Tritanopia

17.0572, 12.9625, 10.6198

Trichromacy



Original Color

15.4601, 13.0065, 2.7326

Protanomaly

13.1132, 13.0787, 3.0616

Deuteranomaly

14.0709, 13.0455, 2.6406

Tritanomaly

16.2601, 12.8641, 6.6270

Monochromacy



Original Color

15.4601, 13.0065, 2.7326

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.2426, 12.1181, 7.8247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4601, 13.0065, 2.7326 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(146, 87, 27)` looks like.

```
.text, #text, p{  
  color:rgb(146, 87, 27)  
}
```

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(146, 87, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 87, 27) }
```

Border

The CSS property to change the border of an element to XYZ 15.4601, 13.0065, 2.7326 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(146, 87, 27) }
```


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

```
.border{ border-color:rgb(146, 87, 27) }
```

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

Here you see how a box with a 4 pixel rgb(146, 87, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 87, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 87, 27);  
box-shadow:4px 4px 4px 4px rgb(146, 87,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4601, 13.0065, 2.7326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 87, 27) }
```

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

```
.background{ background-color: rgb(146, 87,  
27) }
```

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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