

Converting Colors

XYZ(32.0014, 46.2468, 17.5958)

Have a look what the booklet for
XYZ(32.0014, 46.2468, 17.5958)
contains.

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Color

**XYZ(32.0014, 46.2468,
17.5958)**

Conversions

Conversions Part 1

Format	Color
Hex	86C65D
RGB	134, 198, 93
RGB Percent	53%, 78%, 36%
CMY	0.4745, 0.2235, 0.6353
CMYK	0.32, 0.00, 0.53, 0.22
HSL	97°, 48%, 57%
HSV	97°, 53%, 78%
XYZ	32.0014, 46.2468, 17.5958
YIQ	166.8940, -4.4390, -46.2230

Conversions

Conversions Part 2

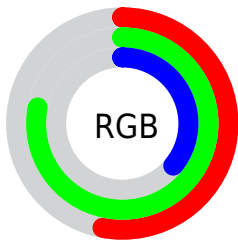
Format	Color
RYB	93, 198, 157
Decimal	8832605
CIELab	73.71, -38.82, 45.73
CIELCh	74, 59.983, 130.330
Yxy	46.2468, 0.3339, 0.4825
Android (android.graphics.Color)	4287022685 (0xFF86C65D)
YUV	166.8940, -36.4297, -28.8480
Hunter-Lab	68.0050, -35.0113, 32.2626

Details

The XYZ color **32.0014, 46.2468, 17.5958** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **28.0141, 19.0754, 55.6340**, and the grayscale version is **36.8534, 38.7726, 42.2234**.

A 20% lighter version of the original color is **62.1835, 84.5425, 40.2350**, and **13.6994, 21.8192, 5.6800** is the 20% darker color. If you saturate the color by 10%, you get **29.4206, 45.0063, 13.4751**, and if you desaturate by 10%, it is **35.0311, 47.6953, 22.9246**.

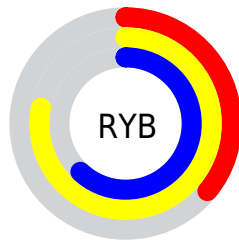
Distribution



Red (53%)

Green (78%)

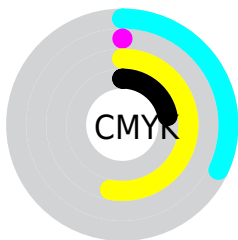
Blue (36%)



Red (36%)

Yellow (78%)

Blue (62%)

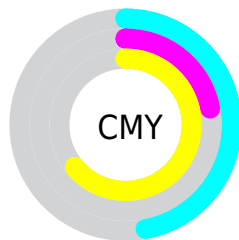


Cyan (32%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0014, 46.2468, 17.5958 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 32.0014, 46.2468, 17.5958 by changing the saturation by 10% instead.


 32.0014, 46.2468,
17.5958


 32.0014, 46.2468,
17.5958


302.8708,
371.8000, 250.7419


 21.5181, 32.4406,
10.4938


 62.1785, 84.5882,
40.1520


 13.6179, 21.6983,
5.6177


 82.6030, 109.8923,
56.4431

 7.9353, 13.6354,
2.5490


 107.0719,
139.7977, 76.6345

 4.1050, 7.8675,
0.8660

 135.9506,
174.6890, 101.1445

 1.7617, 4.0103,
0.0000

169.6046,
214.9505, 130.3917

 0.4944, 1.6793,
0.0000

208.3990,

 0.0000, 0.4102,

260.9665, 164.7946

0.0000

252.6993,
313.1216, 204.7719

■ 0.0000, 0.0000,
0.0000

■ 32.0014, 46.2468,
17.5958

■ 32.0014, 46.2468,
17.5958

■ 29.4206, 45.0063,
13.4751

■ 35.0311, 47.6953,
22.9246

■ 27.2601, 43.9570,
10.4646

■ 38.5293, 49.3558,
29.5430

■ 25.4927, 43.0884,
8.4567

■ 42.5184, 51.2397,
37.5289

■ 24.0852, 42.3865,
7.3204

■ 47.0182, 53.3555,
46.9533

■ 23.2807, 41.9808,
6.8761

■ 52.0474, 55.7114,
57.8823

■ 57.6236, 58.3153,
70.3776

■ 63.7636, 61.1744,
84.4979

■ 70.4835, 64.2958,
100.2984

■ 75.0779, 66.5981,
103.5054

Harmonies

Analogous

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



40.3889, 46.2468, 11.9118



32.0014, 46.2468, 17.5958



27.3700, 46.2468, 33.0971

Triad

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



32.0014, 46.2468, 17.5958



37.4238, 46.2468, 128.1229



67.3091, 46.2468, 40.5625

Complementary

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



32.0014, 46.2468, 17.5958



28.0141, 19.0754, 55.6340

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.



66.1703, 46.2468, 72.7612



32.0014, 46.2468, 17.5958



47.7276, 46.2468, 132.7796

Square

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



32.0014, 46.2468, 17.5958



30.1330, 46.2468, 98.5854



58.5695, 46.2468, 109.5226



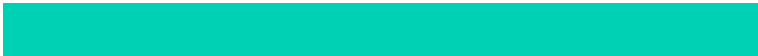
61.4679, 46.2468, 21.1587

Rectangle

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



32.0014, 46.2468, 17.5958



26.5090, 46.2468, 50.6936



58.5695, 46.2468, 109.5226



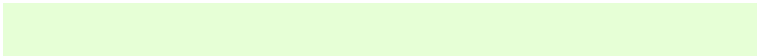
67.7501, 46.2468, 50.0177

Sweetspot

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



32.0025, 46.2488, 17.5968



80.5981, 93.2298, 77.4995



37.1548, 36.5749, 15.4580



16.8919, 19.7861, 15.8332



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0025, 46.2488, 17.5968



51.3008, 79.3094, 22.6839



27.1831, 43.7068, 19.9683



10.8826, 12.0864, 11.3221



15.2290, 27.3461, 4.4757



0.8020, 1.3365, 0.2157

Inverse Universe

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



28.0141, 19.0754, 55.6340



43.4160, 25.9523, 97.3288



36.2281, 23.4450, 49.9130



10.6667, 10.6020, 13.4017



11.8269, 5.3312, 35.1500



0.6395, 0.2934, 1.6681

Previews

White Background



This preview shows how the XYZ color 32.0014, 46.2468, 17.5958 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.0014, 46.2468, 17.5958 looks on a black 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 ✓ Pass

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

XYZ 32.0014, 46.2468, 17.5958

Background



This preview shows how black text looks on a background with the XYZ color 32.0014, 46.2468, 17.5958.



This preview shows how white text looks on a background with the XYZ color 32.0014, 46.2468,

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

32.0014, 46.2468, 17.5958

Protanopia

42.0636, 46.0152, 15.6817

Deuteranopia

46.5680, 45.6408, 18.4117



Tritanopia

40.8640, 45.9142, 61.9669

Trichromacy



Original Color

32.0014, 46.2468, 17.5958

Protanomaly

37.4780, 45.4920, 16.2567

Deuteranomaly

39.6678, 44.7296, 17.8522

Tritanomaly

36.6121, 45.4553, 41.0265

Monochromacy



Original Color

32.0014, 46.2468, 17.5958

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.1716, 40.7028, 30.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0014, 46.2468, 17.5958 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(134, 198, 93)` looks like.

```
.text, #text, p{  
    color:rgb(134, 198, 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(134, 198, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 198, 93) }
```

Border

The CSS property to change the border of an element to XYZ 32.0014, 46.2468, 17.5958 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(134, 198, 93) }
```


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

```
.border{ border-color:rgb(134, 198, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 198, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 198, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 198, 93);  
box-shadow:4px 4px 4px 4px rgb(134, 198,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0014, 46.2468, 17.5958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 198, 93) }
```

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

```
.background{ background-color: rgb(134,  
198, 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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