

Converting Colors

XYZ(18.6222, 25.0537, 5.4445)

Have a look what the booklet for
XYZ(18.6222, 25.0537, 5.4445)
contains.

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Color

**XYZ(18.6222, 25.0537,
5.4445)**

Conversions

Conversions Part 1

Format	Color
Hex	799323
RGB	121, 147, 35
RGB Percent	47%, 58%, 14%
CMY	0.5255, 0.4235, 0.8627
CMYK	0.18, 0.00, 0.76, 0.42
HSL	74°, 62%, 36%
HSV	74°, 76%, 58%
XYZ	18.6222, 25.0537, 5.4445
YIQ	126.4580, 20.4560, -40.3440

Conversions

Conversions Part 2

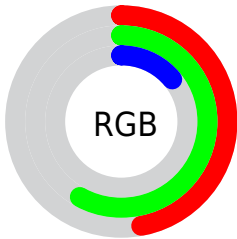
Format	Color
R_{YB}	35, 147, 61
Decimal	7967523
CIE Lab	57.13, -24.80, 52.40
CIE LCh	57, 57.974, 115.330
Yxy	25.0537, 0.3791, 0.5100
Android (android.graphics.Color)	4286157603 (0xFF799323)
YUV	126.4580, -45.0888, -4.7867
Hunter-Lab	50.0537, -21.1840, 28.5884

Details

The XYZ color **18.6222, 25.0537, 5.4445** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.7930, 4.3014, 28.0248**, and the grayscale version is **20.1322, 21.1806, 23.0657**.

A 20% lighter version of the original color is **40.5943, 51.7247, 17.2955**, and **6.5668, 9.5947, 1.5059** is the 20% darker color. If you saturate the color by 10%, you get **17.9784, 24.7428, 4.5044**, and if you desaturate by 10%, it is **19.3756, 25.4122, 6.8682**.

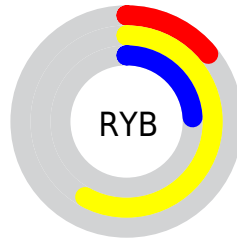
Distribution



Red (47%)

Green (58%)

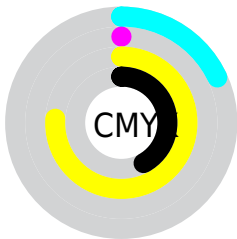
Blue (14%)



Red (14%)

Yellow (58%)

Blue (24%)

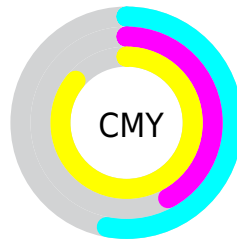


Cyan (18%)

Magenta (0%)

Yellow (76%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6222, 25.0537, 5.4445 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 18.6222, 25.0537, 5.4445 by changing the saturation by 10% instead.

■ 18.6222, 25.0537,
5.4445

■ 18.6222, 25.0537,
5.4445

237.3334,
278.1053, 163.1358

■ 11.5000, 16.1171,
2.4471

■ 40.6166, 51.7443,
17.2238

■ 6.4740, 9.6070,
0.8119

■ 56.2194, 70.2671,
26.8429

■ 3.1787, 5.1392,
0.0000

■ 75.3799, 92.7541,
39.5061

■ 1.2490, 2.3292,
0.0000

■ 98.4632, 119.5896,
55.6323

■ 0.1445, 0.7891,
0.0000

■ 125.8349,
151.1581, 75.6397

■ 0.0000, 0.0000,
0.0000

■ 157.8603,

187.8439, 99.9471

194.9047,
230.0315, 128.9729

■ 18.6222, 25.0537,
5.4445

■ 18.6222, 25.0537,
5.4445

■ 17.9784, 24.7428,
4.5044

■ 19.3756, 25.4122,
6.8682

■ 17.4269, 24.4699,
3.9656

■ 20.2472, 25.8190,
8.8277

■ 17.2278, 24.3708,
3.7960

■ 21.2465, 26.2790,
11.3699

■ 22.3817, 26.7953,
14.5365

■ 23.6601, 27.3709,
18.3652

■ 25.0884, 28.0086,
22.8908

■ 26.6730, 28.7107,
28.1455

■ 28.4196, 29.4799,
34.1597

■ 30.3340, 30.3182,
40.9620

Harmonies

Analogous

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



24.8987, 25.0537, 4.3366



18.6222, 25.0537, 5.4445



14.5588, 25.0537, 10.9843

Triad

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



18.6222, 25.0537, 5.4445



17.0933, 25.0537, 71.4061



39.4556, 25.0537, 30.4591

Complementary

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



18.6222, 25.0537, 5.4445



7.7930, 4.3014, 28.0248

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.



36.3360, 25.0537, 54.7719



18.6222, 25.0537, 5.4445



22.7589, 25.0537, 84.5972

Square

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



18.6222, 25.0537, 5.4445



13.8017, 25.0537, 46.7529



29.8880, 25.0537, 77.3848



37.7724, 25.0537, 14.1395

Rectangle

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



18.6222, 25.0537, 5.4445



13.2294, 25.0537, 18.8160



29.8880, 25.0537, 77.3848



38.9194, 25.0537, 37.9619

Sweetspot

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



18.6228, 25.0548, 5.4450



43.0371, 49.3138, 34.9621



13.9147, 9.4806, 2.6871



9.6387, 11.1741, 7.4048



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.6228, 25.0548, 5.4450



31.5213, 43.9760, 7.3659



13.0345, 22.1740, 5.1835



6.1352, 6.6775, 6.2060



14.9571, 21.1385, 3.2918



0.2087, 0.2720, 0.0415

Inverse Universe

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



7.7930, 4.3014, 28.0248



11.3583, 5.0684, 49.8142



12.9738, 6.9723, 28.2672



5.6181, 5.6941, 7.2727



5.1605, 2.1329, 24.0707



0.0855, 0.0376, 0.2957

Previews

White Background



This preview shows how the XYZ color 18.6222, 25.0537, 5.4445 looks on a white 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

Black Background



This preview shows how the XYZ color 18.6222, 25.0537, 5.4445 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 × Fail

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

XYZ 18.6222, 25.0537, 5.4445

Background



This preview shows how black text looks on a background with the XYZ color 18.6222, 25.0537, 5.4445.



This preview shows how white text looks on a background with the XYZ color 18.6222, 25.0537,

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

18.6222, 25.0537, 5.4445

Protanopia

22.5328, 24.8656, 4.9784

Deuteranopia

25.2133, 24.7976, 5.7430



Tritanopia

23.9638, 25.0160, 31.5825

Trichromacy



Original Color

18.6222, 25.0537, 5.4445

Protanomaly

20.9547, 24.9103, 5.1426

Deuteranomaly

22.3240, 24.5338, 5.5664

Tritanomaly

21.2320, 24.7784, 17.5736

Monochromacy



Original Color

18.6222, 25.0537, 5.4445

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.8131, 22.1256, 13.6350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6222, 25.0537, 5.4445 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(121, 147, 35)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 35)  
}
```

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(121, 147, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 35) }
```

Border

The CSS property to change the border of an element to XYZ 18.6222, 25.0537, 5.4445 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(121, 147, 35) }
```


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

```
.border{ border-color:rgb(121, 147, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 147, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 147, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 147, 35);  
box-shadow:4px 4px 4px 4px rgb(121, 147,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6222, 25.0537, 5.4445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 35) }
```

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

```
.background{ background-color: rgb(121,  
147, 35) }
```

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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