

Converting Colors

XYZ(13.6227, 25.6537, 6.5493)

Have a look what the booklet for
XYZ(13.6227, 25.6537, 6.5493)
contains.

| | |
|--|----|
| XYZ(13.6025, 25.6231, 6.5143) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(13.6025, 25.6231,
6.5143)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 20A02B |
| RGB | 32, 160, 43 |
| RGB Percent | 13%, 63%, 17% |
| CMY | 0.8745, 0.3725, 0.8314 |
| CMYK | 0.80, 0.00, 0.73, 0.37 |
| HSL | 125°, 67%, 38% |
| HSV | 125°, 80%, 63% |
| XYZ | 13.6025, 25.6231, 6.5143 |
| YIQ | 108.3900, -38.7310, -63.5230 |

Conversions

Conversions Part 2

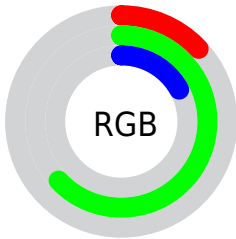
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 32, 150, 160 |
| Decimal | 2138155 |
| CIE _{Lab} | 57.68, -56.04, 48.81 |
| CIE _{LCh} | 58, 74.315, 138.946 |
| Yxy | 25.6231, 0.2974, 0.5602 |
| Android (android.graphics.Color) | 4280328235 (0xFF20A02B) |
| YUV | 108.3900, -32.2373, -66.9940 |
| Hunter-Lab | 50.6193, -40.6169, 27.8033 |

Details

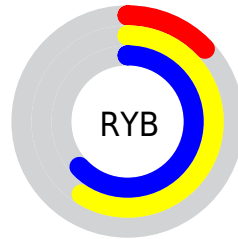
The XYZ color **13.6025, 25.6231, 6.5143** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **20.4391, 10.6768, 29.4170**, and the grayscale version is **14.4598, 15.2129, 16.5668**.

A 20% lighter version of the original color is **32.0340, 52.7230, 19.5545**, and **5.2577, 10.5154, 1.7526** is the 20% darker color. If you saturate the color by 10%, you get **12.9992, 25.3385, 5.3282**, and if you desaturate by 10%, it is **14.5446, 26.0728, 8.2196**.

Distribution



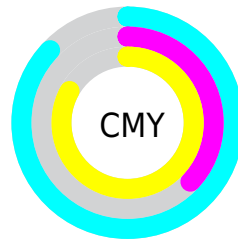
- Red (13%)
- Green (63%)
- Blue (17%)



- Red (13%)
- Yellow (59%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)
- Black (37%)





- Cyan (87%)
- Magenta (37%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6025, 25.6231, 6.5143 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 13.6025, 25.6231, 6.5143 by changing the saturation by 10% instead.


 13.6025, 25.6231,
6.5143


 13.6025, 25.6231,
6.5143


208.3042,
280.9270, 173.0394


 7.9246, 16.5419,
3.0865


 31.9742, 52.6663,
19.4852


 4.0981, 9.9084,
1.1389


 45.3987, 71.3971,
29.8653


 1.7578, 5.3383,
0.0000

 62.1362, 94.1131,
43.3999

 0.4920, 2.4471,
0.0000

 82.5518, 121.1989,
60.5076

 0.0000, 0.8500,
0.0000

 107.0111,
153.0388, 81.6068

 0.0000, 0.0000,
0.0000

 135.8794,

190.0172, 107.1162

169.5220,
232.5184, 137.4542

■ 13.6025, 25.6231,
6.5143

■ 13.6025, 25.6231,
6.5143

■ 12.9992, 25.3385,
5.3282

■ 14.5446, 26.0728,
8.2196

■ 12.6489, 25.1737,
4.5991

■ 15.8637, 26.7038,
10.4926

■ 17.5950, 27.5343,
13.3781

■ 19.7690, 28.5790,
16.9160

■ 22.4135, 29.8514,
21.1427

■ 25.5537, 31.3640,
26.0921

■ 29.2133, 33.1281,
31.7957

■ 33.4144, 35.1546,
38.2833

■ 38.1778, 37.4536,
45.5830

Harmonies

Analogous

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



19.2140, 25.6231, 2.4864



13.6025, 25.6231, 6.5143



11.1329, 25.6231, 19.5249

Triad

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



13.6025, 25.6231, 6.5143



21.2209, 25.6231, 108.8284



44.3679, 25.6231, 14.8298

Complementary

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



13.6025, 25.6231, 6.5143



20.4391, 10.6768, 29.4170

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.



45.2826, 25.6231, 38.3795



13.6025, 25.6231, 6.5143



30.3375, 25.6231, 104.5629

Square

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



13.6025, 25.6231, 6.5143



14.7625, 25.6231, 83.5078



39.6557, 25.6231, 73.9959



37.3969, 25.6231, 4.8692

Rectangle

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



13.6025, 25.6231, 6.5143



11.0682, 25.6231, 36.2273



39.6557, 25.6231, 73.9959



45.4479, 25.6231, 20.9565

Sweetspot

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



13.6031, 25.6242, 6.5149



43.7379, 55.6650, 43.1977



25.2879, 31.6681, 6.1463



9.1815, 12.0103, 8.8253



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.6031, 25.6242, 6.5149



23.1119, 45.7769, 8.5729



15.8034, 26.5043, 18.1016



6.5728, 7.4099, 7.1847



9.8605, 19.6121, 3.6226



0.1823, 0.3531, 0.0963

Inverse Universe

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



20.4391, 10.6768, 29.4170



35.9107, 17.5503, 51.2733



16.6673, 9.1681, 9.5554



6.8796, 6.7447, 8.2168



15.3577, 7.4476, 21.9322



0.2811, 0.1358, 0.4263

Previews

White Background



This preview shows how the XYZ color 13.6025, 25.6231, 6.5143 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 13.6025, 25.6231, 6.5143 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 13.6025, 25.6231, 6.5143

Background



This preview shows how black text looks on a background with the XYZ color 13.6025, 25.6231, 6.5143.



This preview shows how white text looks on a background with the XYZ color 13.6025, 25.6231,

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

13.6025, 25.6231, 6.5143

Protanopia

22.7488, 25.1806, 5.4116

Deuteranopia

25.5767, 25.1569, 6.9977



Tritanopia

19.8530, 25.4458, 37.5834

Trichromacy



Original Color

13.6025, 25.6231, 6.5143



Protanomaly

17.0755, 24.0192, 5.6557



Deuteranomaly

17.9945, 23.5694, 6.6185



Tritanomaly

16.3486, 24.9603, 21.0957

Monochromacy



Original Color

13.6025, 25.6231, 6.5143



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

12.4979, 17.5243, 11.1113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6025, 25.6231, 6.5143 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(32, 160, 43)` looks like.

```
.text, #text, p{  
    color:rgb(32, 160, 43)  
}
```

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(32, 160, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 160, 43) }
```

Border

The CSS property to change the border of an element to XYZ 13.6025, 25.6231, 6.5143 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(32, 160, 43) }
```


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

```
.border{ border-color:rgb(32, 160, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 160, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 160, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 160, 43);  
box-shadow:4px 4px 4px 4px rgb(32, 160,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6025, 25.6231, 6.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 160, 43) }
```

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

```
.background{ background-color: rgb(32, 160,  
43) }
```

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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