

Converting Colors

XYZ(36.9856, 23.4662, 6.1945)

Have a look what the booklet for
XYZ(36.9856, 23.4662, 6.1945)
contains.

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Color

**XYZ(36.9856, 23.4662,
6.1945)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E85237 |
| RGB | 232, 82, 55 |
| RGB Percent | 91%, 32%, 22% |
| CMY | 0.0902, 0.6784, 0.7843 |
| CMYK | 0.00, 0.65, 0.76, 0.09 |
| HSL | 9°, 79%, 56% |
| HSV | 9°, 76%, 91% |
| XYZ | 36.9856, 23.4662, 6.1945 |
| YIQ | 123.7720, 98.0670, 23.4030 |

Conversions

Conversions Part 2

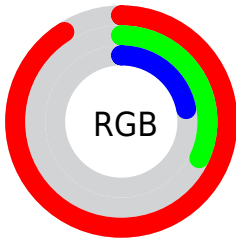
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 232, 87, 55 |
| Decimal | 15225399 |
| CIELab | 55.55, 56.63, 46.44 |
| CIElCh | 56, 73.239, 39.352 |
| Yxy | 23.4662, 0.5550, 0.3521 |
| Android (android.graphics.Color) | 4293415479 (0xFFE85237) |
| YUV | 123.7720, -33.9046, 94.9160 |
| Hunter-Lab | 48.4419, 51.5121, 26.3277 |

Details

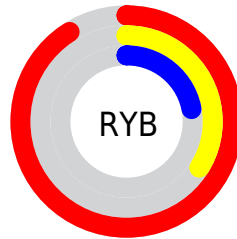
The XYZ color **36.9856, 23.4662, 6.1945** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **37.9702, 50.2967, 84.0504**, and the grayscale version is **19.1698, 20.1681, 21.9630**.

A 20% lighter version of the original color is **52.8272, 40.4364, 18.1174**, and **16.3721, 8.7108, 1.0195** is the 20% darker color. If you saturate the color by 10%, you get **35.2782, 20.7423, 3.4967**, and if you desaturate by 10%, it is **39.3798, 27.1465, 10.4098**.

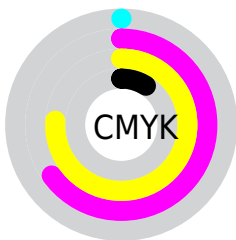
Distribution



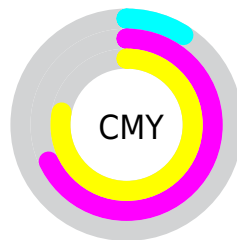
- Red (91%)
- Green (32%)
- Blue (22%)



- Red (91%)
- Yellow (34%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (76%)
- Black (9%)





- Cyan (9%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9856, 23.4662, 6.1945 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 36.9856, 23.4662, 6.1945 by changing the saturation by 10% instead.


 36.9856, 23.4662,
6.1945


 36.9856, 23.4662,
6.1945


324.6048,
270.1105, 170.1606


 25.3700, 14.9381,
2.8930


 69.8646, 49.1577,
18.8179

 16.4831, 8.7760,
1.0403


 91.8587, 67.0899,
28.9768


 9.9597, 4.5953,
0.0000


 118.0430, 88.9256,
42.2587

 5.4343, 2.0119,
0.0000

 148.7828,
115.0492, 59.0820

 2.5416, 0.6143,
0.0000

 184.4436,
145.8451, 79.8653

 0.9163, 0.0000,
0.0000

 225.3906,

 0.0000, 0.0000,

181.6977, 105.0272

0.0000

271.9892,
222.9914, 134.9861

■ 36.9856, 23.4662,
6.1945

■ 36.9856, 23.4662,
6.1945

■ 35.2782, 20.7423,
3.4967

■ 39.3798, 27.1465,
10.4098

■ 34.1783, 18.8798,
2.0898


■ 42.5246, 31.8580,
16.3231


■ 33.8914, 18.3815,
1.7617


■ 46.4780, 37.6727,
24.0905


■ 51.2916, 44.6547,
33.8502

■ 57.0129, 52.8633,
45.7272

 63.6856, 62.3537,
59.8361

 71.3508, 73.1778,
76.2833

 80.0470, 85.3845,
95.1685

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



41.9437, 23.4662, 18.8460



36.9856, 23.4662, 6.1945



28.3894, 23.4662, 2.2430

Triad

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



36.9856, 23.4662, 6.1945



10.4941, 23.4662, 12.6286



24.9871, 23.4662, 101.8949

Complementary

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



36.9856, 23.4662, 6.1945



37.9702, 50.2967, 84.0504

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.



17.1568, 23.4662, 96.1754



36.9856, 23.4662, 6.1945



10.0120, 23.4662, 33.6824

Square

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



36.9856, 23.4662, 6.1945



13.6693, 23.4662, 4.0438



12.1349, 23.4662, 66.6329



33.9730, 23.4662, 79.3676

Rectangle

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



36.9856, 23.4662, 6.1945



22.4840, 23.4662, 1.7143



12.1349, 23.4662, 66.6329



22.1248, 23.4662, 103.4163

Sweetspot

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



36.9861, 23.4676, 6.1949



73.1467, 69.0675, 61.9098



45.7186, 24.3177, 60.3267



15.0477, 13.9149, 11.9722



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.



36.9861, 23.4676, 6.1949



42.7936, 24.1595, 3.0884



48.3522, 46.1997, 9.9836



14.5536, 14.7212, 14.9789



18.8724, 10.3190, 0.9971



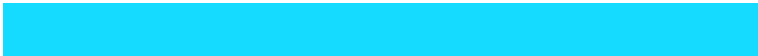
1.4497, 0.8727, 0.0920

Inverse Universe

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



37.9702, 50.2967, 84.0504



43.7310, 58.1415, 103.5253



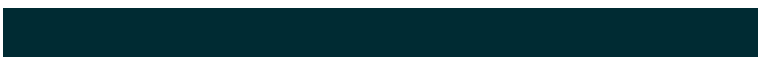
22.4965, 19.3495, 78.8926



14.6103, 15.9419, 18.4514



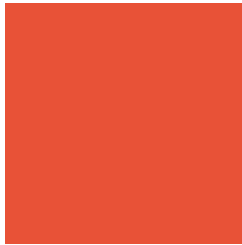
19.1951, 25.4523, 46.2843



1.4694, 1.9827, 3.4372

Previews

White Background



This preview shows how the XYZ color 36.9856, 23.4662, 6.1945 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 36.9856, 23.4662, 6.1945 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 36.9856, 23.4662, 6.1945

Background



This preview shows how black text looks on a background with the XYZ color 36.9856, 23.4662, 6.1945.



This preview shows how white text looks on a background with the XYZ color 36.9856, 23.4662,

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

36.9856, 23.4662, 6.1945

Protanopia

21.6950, 23.7082, 9.3939

Deuteranopia

23.9803, 23.5761, 5.6696



Tritanopia

37.9616, 23.5401, 10.7265

Trichromacy



Original Color

36.9856, 23.4662, 6.1945

Protanomaly

25.4450, 22.1081, 7.9272

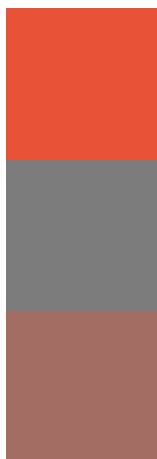
Deuteranomaly

27.7038, 22.6586, 5.7097

Tritanomaly

37.6755, 23.5420, 8.8617

Monochromacy



Original Color

36.9856, 23.4662, 6.1945

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

22.8250, 19.6247, 14.3893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9856, 23.4662, 6.1945 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(232, 82, 55)` looks like.

```
.text, #text, p{  
    color:rgb(232, 82, 55)  
}
```

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(232, 82, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 82, 55) }
```

Border

The CSS property to change the border of an element to XYZ 36.9856, 23.4662, 6.1945 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(232, 82, 55) }
```


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

```
.border{ border-color:rgb(232, 82, 55) }
```

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

Here you see how a box with a 4 pixel rgb(232, 82, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 82, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 82, 55);  
box-shadow:4px 4px 4px 4px rgb(232, 82,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9856, 23.4662, 6.1945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 82, 55) }
```

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

```
.background{ background-color: rgb(232, 82,  
55) }
```

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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