

Converting Colors

XYZ(17.5736, 11.7060, 5.6640)

Have a look what the booklet for
XYZ(17.5736, 11.7060, 5.6640)
contains.

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Color

**XYZ(17.5493, 11.6744,
5.6034)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A2403C |
| RGB | 162, 64, 60 |
| RGB Percent | 64%, 25%, 24% |
| CMY | 0.3647, 0.7490, 0.7647 |
| CMYK | 0.00, 0.60, 0.63, 0.36 |
| HSL | 2°, 46%, 44% |
| HSV | 2°, 63%, 64% |
| XYZ | 17.5493, 11.6744, 5.6034 |
| YIQ | 92.8460, 59.6920, 19.5320 |

Conversions

Conversions Part 2

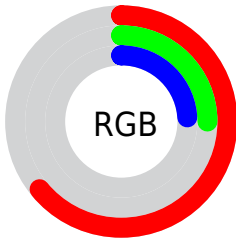
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 162, 64, 60 |
| Decimal | 10633276 |
| CIE _{Lab} | 40.69, 40.34, 23.36 |
| CIE _{LCh} | 41, 46.618, 30.067 |
| Yxy | 11.6744, 0.5039, 0.3352 |
| Android (android.graphics.Color) | 4288823356 (0xFFA2403C) |
| YUV | 92.8460, -16.1931, 60.6481 |
| Hunter-Lab | 34.1678, 31.8876, 14.1941 |

Details

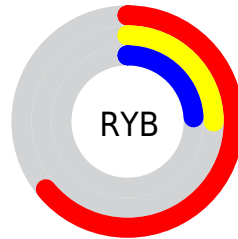
The XYZ color **17.5493, 11.6744, 5.6034** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.6110, 28.0211, 38.5046**, and the grayscale version is **10.3958, 10.9372, 11.9106**.

A 20% lighter version of the original color is **38.7180, 28.9245, 17.4522**, and **5.8941, 3.1387, 0.8674** is the 20% darker color. If you saturate the color by 10%, you get **16.4262, 10.0119, 3.4300**, and if you desaturate by 10%, it is **19.0490, 13.8804, 8.5493**.

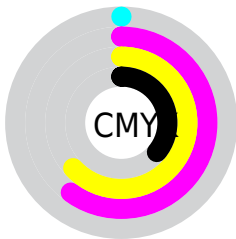
Distribution



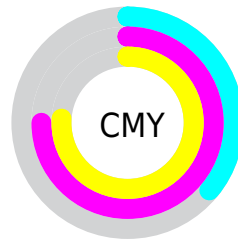
- Red (64%)
- Green (25%)
- Blue (24%)



- Red (64%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (63%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5493, 11.6744, 5.6034 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 17.5493, 11.6744, 5.6034 by changing the saturation by 10% instead.

■ 17.5493, 11.6744,
5.6034

■ 17.5493, 11.6744,
5.6034

231.4133,
202.2377, 164.6587

■ 10.7246, 6.5224,
2.5406

■ 38.8040, 28.9007,
17.5652

■ 5.9479, 3.1652,
0.8616

■ 53.9647, 41.7437,
27.3013

■ 2.8538, 1.2186,
0.0000

■ 72.6347, 57.9193,
40.0989

■ 1.0769, 0.0768,
0.0000

■ 95.1795, 77.8116,
56.3766

■ 0.0057, 0.0000,
0.0000

■ 121.9645,
101.8053, 76.5529

■ 0.0000, 0.0000,
0.0000

■ 153.3548,

130.2846, 101.0463

189.7160,
163.6339, 130.2754

■ 17.5493, 11.6744,
5.6034

■ 17.5493, 11.6744,
5.6034

■ 16.4262, 10.0119,
3.4300

■ 19.0490, 13.8804,
8.5493

■ 15.6456, 8.8442,
1.9562

■ 20.9538, 16.6696,
12.3304

■ 15.1683, 8.1172,
1.0962

■ 23.2906, 20.0798,
17.0038

■ 14.9693, 7.8194,
0.7203

■ 26.0835, 24.1455,
22.6211

■ 29.3550, 28.8984,
29.2303

■ 33.1260, 34.3683,
36.8759

■ 37.4164, 40.5830,
45.5999

■ 42.2446, 47.5692,
55.4417

■ 47.6285, 55.3519,
66.4391

Harmonies

Analogous

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



18.7350, 11.6744, 12.6902



17.5493, 11.6744, 5.6034



14.5761, 11.6744, 2.5671

Triad

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



17.5493, 11.6744, 5.6034



6.4526, 11.6744, 5.6247



11.1036, 11.6744, 40.9508

Complementary

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



17.5493, 11.6744, 5.6034



20.6110, 28.0211, 38.5046

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.



8.2195, 11.6744, 35.8837



17.5493, 11.6744, 5.6034



5.8802, 11.6744, 12.7327

Square

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



17.5493, 11.6744, 5.6034



8.2090, 11.6744, 2.5744



6.4577, 11.6744, 24.1738



14.5915, 11.6744, 35.8414

Rectangle

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



17.5493, 11.6744, 5.6034



12.2280, 11.6744, 1.8949



6.4577, 11.6744, 24.1738



10.0364, 11.6744, 40.3590

Sweetspot

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



17.5496, 11.6750, 5.6036



49.3895, 46.7951, 45.1758



22.7394, 13.4025, 34.0075



10.7429, 10.0015, 9.4404



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.5496, 11.6750, 5.6036



29.1123, 17.1197, 4.8785



21.7784, 20.1327, 7.0132



7.0950, 7.1285, 7.3821



11.8008, 6.1755, 0.5700



0.2543, 0.1424, 0.0141

Inverse Universe

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



20.6110, 28.0211, 38.5046



35.1058, 49.2568, 69.7134



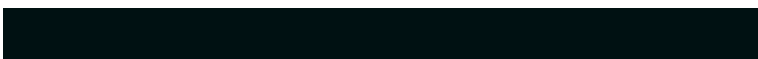
13.7056, 14.2103, 36.2028



7.2522, 7.9633, 9.0579



14.4638, 20.7070, 30.1643



0.3107, 0.4487, 0.6361

Previews

White Background



This preview shows how the XYZ color 17.5493, 11.6744, 5.6034 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 17.5493, 11.6744, 5.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

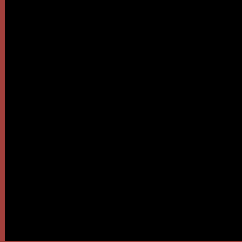
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5493, 11.6744, 5.6034

Background



This preview shows how black text looks on a background with the XYZ color 17.5493, 11.6744, 5.6034.

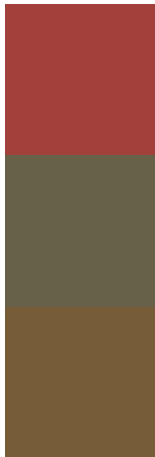


This preview shows how white text looks on a background with the XYZ color 17.5493, 11.6744,

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

17.5493, 11.6744, 5.6034

Protanopia

11.0708, 11.9140, 8.0195

Deuteranopia

11.9879, 11.7817, 5.2567



Tritanopia

17.6909, 11.6416, 6.6248

Trichromacy



Original Color

17.5493, 11.6744, 5.6034

Protanomaly

12.6041, 11.1994, 6.9662

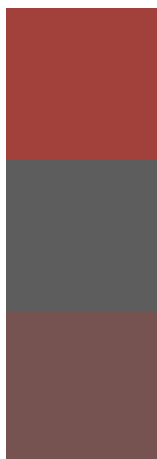
Deuteranomaly

13.5873, 11.3983, 5.3549

Tritanomaly

17.6032, 11.6066, 6.1630

Monochromacy



Original Color

17.5493, 11.6744, 5.6034

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.9737, 10.4802, 9.1764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5493, 11.6744, 5.6034 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(162, 64, 60)` looks like.

```
.text, #text, p{  
    color:rgb(162, 64, 60)  
}
```

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(162, 64, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 64, 60) }
```

Border

The CSS property to change the border of an element to XYZ 17.5493, 11.6744, 5.6034 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(162, 64, 60) }
```


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

```
.border{ border-color:rgb(162, 64, 60) }
```

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

Here you see how a box with a 4 pixel rgb(162, 64, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 64, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 64, 60);  
box-shadow:4px 4px 4px 4px rgb(162, 64,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5493, 11.6744, 5.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 64, 60) }
```

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

```
.background{ background-color: rgb(162, 64,  
60) }
```

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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