

Converting Colors

XYZ(19.7795, 21.4037, 5.7782)

Have a look what the booklet for
XYZ(19.7795, 21.4037, 5.7782)
contains.

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Color

**XYZ(19.7795, 21.4037,
5.7782)**

Conversions

Conversions Part 1

Format	Color
Hex	917F2F
RGB	145, 127, 47
RGB Percent	57%, 50%, 18%
CMY	0.4314, 0.5019, 0.8157
CMYK	0.00, 0.12, 0.68, 0.43
HSL	49°, 51%, 38%
HSV	49°, 68%, 57%
XYZ	19.7795, 21.4037, 5.7782
YIQ	123.2620, 36.4080, -21.0640

Conversions

Conversions Part 2

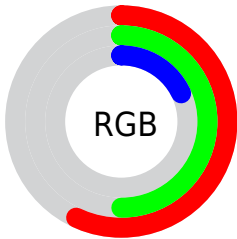
Format	Color
R_{YB}	69, 145, 47
Decimal	9535279
CIE _{Lab}	53.39, -2.79, 44.48
CIE _{LCh}	53, 44.565, 93.590
Yxy	21.4037, 0.4212, 0.4558
Android (android.graphics.Color)	4287725359 (0xFF917F2F)
YUV	123.2620, -37.5972, 19.0642
Hunter-Lab	46.2641, -4.6474, 24.9798

Details

The XYZ color **19.7795, 21.4037, 5.7782** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **8.1734, 6.4291, 27.5980**, and the grayscale version is **19.0258, 20.0166, 21.7981**.

A 20% lighter version of the original color is **42.3652, 45.5208, 17.8628**, and **7.0388, 7.6729, 1.1100** is the 20% darker color. If you saturate the color by 10%, you get **19.1951, 20.6277, 4.3725**, and if you desaturate by 10%, it is **20.4712, 22.2388, 7.6998**.

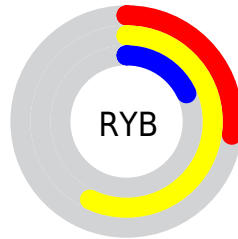
Distribution



Red (57%)

Green (50%)

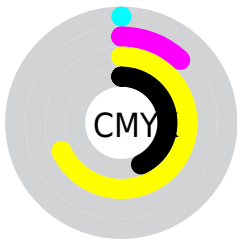
Blue (18%)



Red (27%)

Yellow (57%)

Blue (18%)

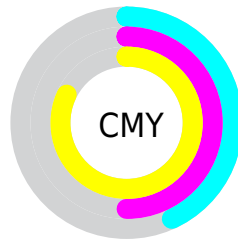


Cyan (0%)

Magenta (12%)

Yellow (68%)

Black (43%)



Cyan (43%)

Magenta (50%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7795, 21.4037, 5.7782 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 19.7795, 21.4037, 5.7782 by changing the saturation by 10% instead.

■ 19.7795, 21.4037,
5.7782

■ 19.7795, 21.4037,
5.7782

243.5753,
259.4162, 166.3117

■ 12.3422, 13.4194,
2.6441

■ 42.5540, 45.7584,
17.9384

■ 7.0510, 7.7180,
0.9151

■ 58.6218, 62.8977,
27.8016

■ 3.5406, 3.9150,
0.0000

■ 78.2973, 83.8574,
40.7449

■ 1.4457, 1.6261,
0.0000

■ 101.9456,
109.0219, 57.1868

■ 0.2884, 0.3751,
0.0000

■ 129.9322,
138.7756, 77.5459

■ 0.0000, 0.0000,
0.0000

■ 162.6225,

173.5030, 102.2407

200.3817,
213.5884, 131.6898

■ 19.7795, 21.4037,
5.7782

■ 19.7795, 21.4037,
5.7782

■ 19.1951, 20.6277,
4.3725

■ 20.4712, 22.2388,
7.6998

■ 18.7063, 19.9036,
3.4283

■ 21.2776, 23.1335,
10.1817

■ 18.2949, 19.2248,
2.8471

■ 22.2068, 24.0922,
13.2653

■ 18.1994, 19.0645,
2.7206

■ 23.2659, 25.1177,
16.9873

■ 24.4615, 26.2128,
21.3817

■ 25.7997, 27.3799,
26.4803

■ 27.2860, 28.6216,
32.3124

■ 28.9259, 29.9399,
38.9059

■ 30.7245, 31.3371,
46.2873

Harmonies

Analogous

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



24.6624, 21.4037, 6.8960



19.7795, 21.4037, 5.7782



15.7159, 21.4037, 7.6457

Triad

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



19.7795, 21.4037, 5.7782



13.6697, 21.4037, 40.8869



29.6235, 21.4037, 36.9146

Complementary

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



19.7795, 21.4037, 5.7782



8.1734, 6.4291, 27.5980

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.



25.8007, 21.4037, 52.4284



19.7795, 21.4037, 5.7782



16.5609, 21.4037, 55.2782

Square

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



19.7795, 21.4037, 5.7782



12.5504, 21.4037, 24.9740



20.9183, 21.4037, 60.1587



30.8361, 21.4037, 21.7121

Rectangle

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



19.7795, 21.4037, 5.7782



13.8676, 21.4037, 11.0124



20.9183, 21.4037, 60.1587



28.5748, 21.4037, 42.4336

Sweetspot

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



19.7800, 21.4047, 5.7786



43.1754, 46.3752, 35.9368



13.6948, 8.4534, 6.1577



9.4846, 10.2070, 7.5510



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.7800, 21.4047, 5.7786



33.9088, 36.2683, 6.8706



17.7879, 24.1416, 6.4119



5.7565, 6.1193, 5.7671



15.6276, 16.3869, 2.3393



0.1635, 0.1849, 0.0271

Inverse Universe

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



8.1734, 6.4291, 27.5980



11.7041, 7.6914, 48.8413



9.1399, 5.6306, 27.3930



5.2048, 5.4053, 6.7978



4.7275, 2.4410, 23.1991



0.0572, 0.0473, 0.2258

Previews

White Background



This preview shows how the XYZ color 19.7795, 21.4037, 5.7782 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 19.7795, 21.4037, 5.7782 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 19.7795, 21.4037, 5.7782

Background



This preview shows how black text looks on a background with the XYZ color 19.7795, 21.4037, 5.7782.



This preview shows how white text looks on a background with the XYZ color 19.7795, 21.4037,

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

19.7795, 21.4037, 5.7782

Protanopia

19.5600, 21.4832, 5.8051

Deuteranopia

21.6898, 21.2674, 5.8676



Tritanopia

23.4420, 21.4276, 23.3225

Trichromacy



Original Color

19.7795, 21.4037, 5.7782

Protanomaly

19.7339, 21.5729, 5.8132

Deuteranomaly

20.9429, 21.2493, 5.7940

Tritanomaly

21.6061, 21.2095, 14.7595

Monochromacy



Original Color

19.7795, 21.4037, 5.7782

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.6333, 20.0668, 13.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7795, 21.4037, 5.7782 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(145, 127, 47)` looks like.

```
.text, #text, p{  
    color:rgb(145, 127, 47)  
}
```

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(145, 127, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 127, 47) }
```

Border

The CSS property to change the border of an element to XYZ 19.7795, 21.4037, 5.7782 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(145, 127, 47) }
```


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

```
.border{ border-color:rgb(145, 127, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 127, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 127, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 127, 47);  
box-shadow:4px 4px 4px 4px rgb(145, 127,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7795, 21.4037, 5.7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 127, 47) }
```

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

```
.background{ background-color: rgb(145,  
127, 47) }
```

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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