

Converting Colors

XYZ(25.1148, 20.4730, 34.3443)

Have a look what the booklet for
XYZ(25.1148, 20.4730, 34.3443)
contains.

XYZ(25.1793, 20.5547, 34.5387)	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(25.1793, 20.5547,
34.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6E9D
RGB	155, 110, 157
RGB Percent	61%, 43%, 62%
CMY	0.3922, 0.5686, 0.3843
CMYK	0.01, 0.30, 0.00, 0.38
HSL	297°, 19%, 52%
HSV	297°, 30%, 62%
XYZ	25.1793, 20.5547, 34.5387
YIQ	128.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

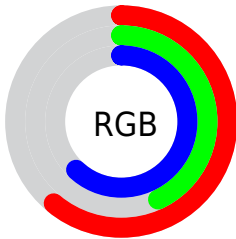
Format	Color
R _Y B	155, 110, 157
Decimal	10186397
CIE Lab	52.46, 26.04, -18.37
CIE LCh	52, 31.868, 324.806
Yxy	20.5547, 0.3137, 0.2561
Android (android.graphics.Color)	4288376477 (0xFF9B6E9D)
YUV	128.8130, 13.8962, 22.9660
Hunter-Lab	45.3373, 19.7946, -13.4320

Details

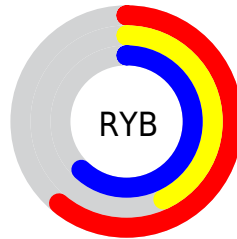
The XYZ color **25.1793, 20.5547, 34.5387** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5542, 28.6850, 19.1535**, and the grayscale version is **20.7514, 21.8321, 23.7752**.

A 20% lighter version of the original color is **51.3823, 44.2958, 68.1291**, and **9.8638, 7.2617, 14.5174** is the 20% darker color. If you saturate the color by 10%, you get **23.5055, 17.3966, 34.0176**, and if you desaturate by 10%, it is **27.1552, 24.3153, 35.1607**.

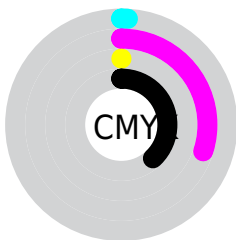
Distribution



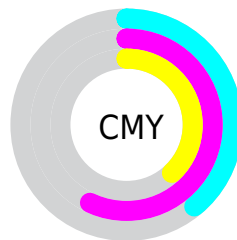
- Red (61%)
- Green (43%)
- Blue (62%)



- Red (61%)
- Yellow (43%)
- Blue (62%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)





- Cyan (39%)
- Magenta (57%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1793, 20.5547, 34.5387 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 25.1793, 20.5547, 34.5387 by changing the saturation by 10% instead.


 25.1793, 20.5547,
34.5387


 25.1793, 20.5547,
34.5387


271.0609,
254.9024, 337.3697


 16.3401, 12.7989,
23.0270


 51.3888, 44.3452,
67.9140


 9.8575, 7.2902,
14.4080


 69.4897, 61.1488,
90.6147

 5.3661, 3.6443,
8.2630


 91.4087, 81.7370,
117.8821

 2.5006, 1.4766,
4.1735

 117.5111,
106.4943, 150.1349

 0.8956, 0.2722,
1.7210

148.1621,
135.8051, 187.7914

 0.0000, 0.0000,
0.3751

183.7272,

 0.0000, 0.0000,

170.0538, 231.2704

0.0000

224.5716,
209.6248, 280.9903

■ 25.1793, 20.5547,
34.5387

■ 25.1793, 20.5547,
34.5387

■ 23.5055, 17.3966,
34.0176

■ 27.1552, 24.3153,
35.1607

■ 22.1161, 14.8064,
33.5909

■ 29.4460, 28.7049,
35.8873

■ 20.9944, 12.7507,
33.2532

■ 32.0660, 33.7520,
36.7234

■ 20.1211, 11.1909,
32.9982

■ 35.0281, 39.4822,
37.6733

■ 19.4747, 10.0836,
32.8185

■ 38.3446, 45.9201,
38.7411

■ 19.0295, 9.3778,
32.7058

■ 42.0271, 53.0889,
39.9308

■ 18.7246, 8.9515,
32.6396

■ 46.0866, 61.0106,
41.2459

■ 18.7227, 8.9489,
32.6391

■ 50.5337, 69.7066,
42.6900

■ 55.3787, 79.1972,
44.2665

Harmonies

Analogous

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



22.3144, 20.5547, 43.1983



25.1793, 20.5547, 34.5387



26.5427, 20.5547, 24.0621

Triad

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



25.1793, 20.5547, 34.5387



20.1153, 20.5547, 8.7463



14.3358, 20.5547, 30.8802

Complementary

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



25.1793, 20.5547, 34.5387



21.5542, 28.6850, 19.1535

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.



13.8865, 20.5547, 20.7793



25.1793, 20.5547, 34.5387



16.9995, 20.5547, 9.6287

Square

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



25.1793, 20.5547, 34.5387



23.4165, 20.5547, 10.5945



14.8070, 20.5547, 13.4741



16.1109, 20.5547, 40.7039

Rectangle

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



25.1793, 20.5547, 34.5387



26.3174, 20.5547, 18.0603



14.8070, 20.5547, 13.4741



14.0338, 20.5547, 27.3401

Sweetspot

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



25.1800, 20.5556, 34.5391



53.0705, 52.0532, 64.3769



18.3499, 17.4160, 34.2931



11.5461, 11.2009, 14.1238



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.1800, 20.5556, 34.5391



43.0103, 32.8745, 61.2053



23.9145, 20.0941, 25.8555



6.8763, 6.7402, 8.3453



15.2142, 7.2722, 26.5090



0.2797, 0.1340, 0.4743

Inverse Universe

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



22.4059, 19.4907, 17.9112



37.2403, 30.6645, 26.3952



22.5950, 29.0722, 25.9475



6.6439, 6.6505, 6.9761



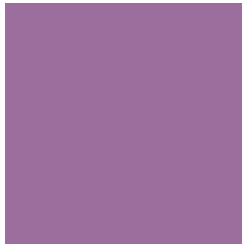
11.3264, 5.8351, 0.7038



0.2055, 0.1055, 0.0282

Previews

White Background



This preview shows how the XYZ color 25.1793, 20.5547, 34.5387 looks on a white background.

Color Contrast Check

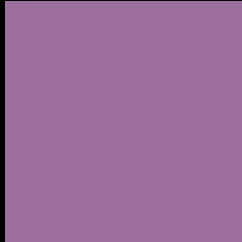
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1793, 20.5547, 34.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

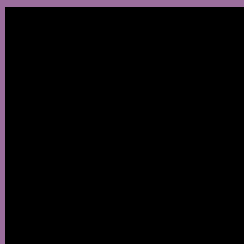
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1793, 20.5547, 34.5387

Background



This preview shows how black text looks on a background with the XYZ color 25.1793, 20.5547, 34.5387.



This preview shows how white text looks on a background with the XYZ color 25.1793, 20.5547,

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

25.1793, 20.5547, 34.5387

Protanopia

20.9928, 20.7160, 39.4514

Deuteranopia

21.1677, 20.7434, 33.8986



Tritanopia

22.7096, 20.5508, 22.1718

Trichromacy



Original Color

25.1793, 20.5547, 34.5387

Protanomaly

22.1098, 20.4272, 37.4279

Deuteranomaly

22.4709, 20.5081, 34.2266

Tritanomaly

23.4816, 20.5162, 26.3893

Monochromacy



Original Color

25.1793, 20.5547, 34.5387

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.1010, 21.1864, 27.3506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1793, 20.5547, 34.5387 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(155, 110, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 110, 157)  
}
```

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(155, 110, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 110, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.1793, 20.5547, 34.5387 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(155, 110, 157) }
```


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

```
.border{ border-color:rgb(155, 110, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 110, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 110, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 110, 157); box-shadow:4px 4px 4px 4px rgb(155, 110, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1793, 20.5547, 34.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 110, 157) }
```

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

```
.background{ background-color: rgb(155,  
110, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor