

Converting Colors

XYZ(25.4927, 29.0068, 20.2950)

Have a look what the booklet for
XYZ(25.4927, 29.0068, 20.2950)
contains.

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Color

**XYZ(25.4452, 28.9569,
20.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	909672
RGB	144, 150, 114
RGB Percent	56%, 59%, 45%
CMY	0.4353, 0.4117, 0.5529
CMYK	0.04, 0.00, 0.24, 0.41
HSL	70°, 15%, 52%
HSV	70°, 24%, 59%
XYZ	25.4452, 28.9569, 20.1677
YIQ	144.1020, 7.9800, -12.4680

Conversions

Conversions Part 2

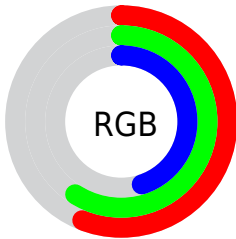
Format	Color
RYB	114, 150, 120
Decimal	9475698
CIELab	60.74, -8.54, 18.31
CIELCh	61, 20.205, 115.009
Yxy	28.9569, 0.3412, 0.3883
Android (android.graphics.Color)	4287665778 (0xFF909672)
YUV	144.1020, -14.8403, -0.0895
Hunter-Lab	53.8116, -9.7654, 15.4472

Details

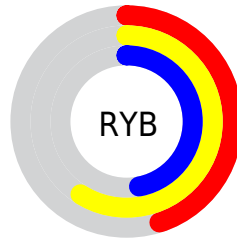
The XYZ color **25.4452, 28.9569, 20.1677** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.2692, 18.2305, 31.3590**, and the grayscale version is **26.6066, 27.9923, 30.4836**.

A 20% lighter version of the original color is **51.7645, 57.9447, 44.5326**, and **9.9594, 11.6442, 6.8769** is the 20% darker color. If you saturate the color by 10%, you get **24.2287, 28.4214, 16.0135**, and if you desaturate by 10%, it is **26.8130, 29.5560, 25.0612**.

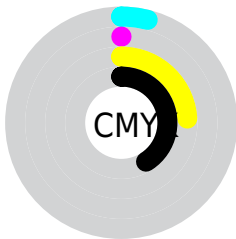
Distribution



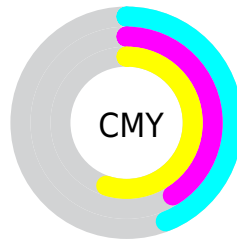
- Red (56%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4452, 28.9569, 20.1677 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 25.4452, 28.9569, 20.1677 by changing the saturation by 10% instead.

■ 25.4452, 28.9569,
20.1677

■ 25.4452, 28.9569,
20.1677

272.3548,
297.0115, 265.4557

■ 16.5396, 19.0482,
12.3317

■ 51.8163, 58.0086,
44.5608

■ 10.0000, 11.7051,
6.8447

■ 70.0124, 77.9204,
61.9551

■ 5.4612, 6.5432,
3.2882

■ 92.0360, 101.9354,
83.3724

■ 2.5579, 3.1781,
1.2436

■ 118.2526,
130.4379, 109.2315

■ 0.9245, 1.2254,
0.0149

149.0274,
163.8124, 139.9509

■ 0.0000, 0.0823,
0.0000

184.7258,

■ 0.0000, 0.0000,

202.4432, 175.9490

0.0000

225.7131,
246.7148, 217.6444

■ 25.4452, 28.9569,
20.1677

■ 25.4452, 28.9569,
20.1677

■ 24.2287, 28.4214,
16.0135

■ 26.8130, 29.5560,
25.0612

■ 23.1543, 27.9428,
12.5607

■ 28.3361, 30.2175,
30.7255

■ 22.2153, 27.5195,
9.7712


■ 30.0215, 30.9449,
37.1927


■ 21.4035, 27.1482,
7.6020


■ 31.8748, 31.7406,
44.4924


■ 20.7098, 26.8252,
6.0057


■ 33.9013, 32.6068,
52.6529


 20.1239, 26.5464,
4.9274


 36.1063, 33.5455,
61.7009

 19.6330, 26.3067,
4.3013

 38.4946, 34.5588,
71.6622

 19.3630, 26.1732,
4.0314

 41.0710, 35.6484,
82.5614

 43.8402, 36.8163,
94.4221

Harmonies

Analogous

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



27.9638, 28.9569, 19.2184



25.4452, 28.9569, 20.1677



23.5944, 28.9569, 23.9507

Triad

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



25.4452, 28.9569, 20.1677



24.7307, 28.9569, 44.9036



32.8586, 28.9569, 32.8025

Complementary

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



25.4452, 28.9569, 20.1677



19.2692, 18.2305, 31.3590

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.



31.8644, 28.9569, 40.5581



25.4452, 28.9569, 20.1677



27.0862, 28.9569, 48.2175

Square

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



25.4452, 28.9569, 20.1677



23.2006, 28.9569, 38.0378



29.7102, 28.9569, 46.5132



32.3507, 28.9569, 25.8088

Rectangle

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



25.4452, 28.9569, 20.1677



22.9329, 28.9569, 27.9387



29.7102, 28.9569, 46.5132



32.6873, 28.9569, 35.4148

Sweetspot

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



25.4460, 28.9582, 20.1683



49.1308, 52.9457, 50.9352



22.3324, 21.1327, 18.8219



10.8575, 11.7202, 11.1738



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.4460, 28.9582, 20.1683



43.6756, 50.5613, 31.3498



22.5488, 27.4646, 20.0327



6.1715, 6.6962, 6.2077



16.0813, 21.7181, 3.3444



0.2171, 0.2763, 0.0419

Inverse Universe

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



19.2692, 18.2305, 31.3590



30.7733, 28.1481, 54.7325



22.0045, 19.6406, 31.4870



5.5843, 5.6767, 7.2711



4.9182, 2.0080, 24.0594



0.0772, 0.0333, 0.2953

Previews

White Background



This preview shows how the XYZ color 25.4452, 28.9569, 20.1677 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 25.4452, 28.9569, 20.1677 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

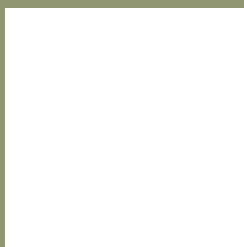
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4452, 28.9569, 20.1677

Background



This preview shows how black text looks on a background with the XYZ color 25.4452, 28.9569, 20.1677.



This preview shows how white text looks on a background with the XYZ color 25.4452, 28.9569,

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

25.4452, 28.9569, 20.1677

Protanopia

26.9138, 28.7955, 19.4688

Deuteranopia

29.4718, 28.9686, 20.5612



Tritanopia

28.5517, 28.8308, 35.5126

Trichromacy



Original Color

25.4452, 28.9569, 20.1677

Protanomaly

26.3632, 28.7351, 19.7797

Deuteranomaly

27.7657, 28.7614, 20.3077

Tritanomaly

27.2993, 28.7768, 29.3149

Monochromacy



Original Color

25.4452, 28.9569, 20.1677

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0141, 28.1805, 26.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4452, 28.9569, 20.1677 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(144, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(144, 150, 114)  
}
```

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(144, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 150, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.4452, 28.9569, 20.1677 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(144, 150, 114) }
```


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

```
.border{ border-color:rgb(144, 150, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 150, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 150, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 150, 114); box-shadow:4px 4px 4px 4px rgb(144, 150, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4452, 28.9569, 20.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 150, 114) }
```

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

```
.background{ background-color: rgb(144,  
150, 114) }
```

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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