

Converting Colors

XYZ(27.5716, 29.9811, 22.8770)

Have a look what the booklet for
XYZ(27.5716, 29.9811, 22.8770)
contains.

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Color

**XYZ(27.5561, 29.9901,
22.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	99967A
RGB	153, 150, 122
RGB Percent	60%, 59%, 48%
CMY	0.4000, 0.4118, 0.5216
CMYK	0.00, 0.02, 0.20, 0.40
HSL	54°, 13%, 54%
HSV	54°, 20%, 60%
XYZ	27.5561, 29.9901, 22.7487
YIQ	147.7050, 10.7760, -8.0720

Conversions

Conversions Part 2

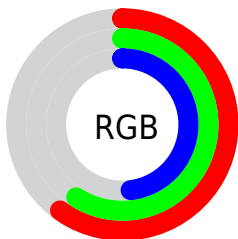
Format	Color
RYB	125, 153, 122
Decimal	10065530
CIELab	61.65, -3.75, 15.20
CIElCh	62, 15.653, 103.878
Yxy	29.9901, 0.3432, 0.3735
Android (android.graphics.Color)	4288255610 (0xFF99967A)
YUV	147.7050, -12.6726, 4.6437
Hunter-Lab	54.7632, -6.0169, 13.7051

Details

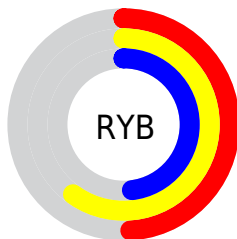
The XYZ color **27.5561, 29.9901, 22.7487** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1095, 21.1044, 33.0983**, and the grayscale version is **28.0740, 29.5361, 32.1648**.

A 20% lighter version of the original color is **55.2453, 59.6516, 48.6466**, and **11.1439, 12.2295, 8.0765** is the 20% darker color. If you saturate the color by 10%, you get **26.4475, 29.1724, 18.0646**, and if you desaturate by 10%, it is **28.8185, 30.8762, 28.2213**.

Distribution



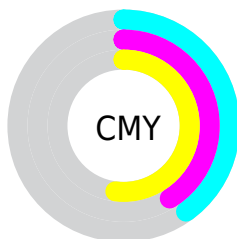
- Red (60%)
- Green (59%)
- Blue (48%)



- Red (49%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (41%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5561, 29.9901, 22.7487 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 27.5561, 29.9901, 22.7487 by changing the saturation by 10% instead.

■ 27.5561, 29.9901,
22.7487

■ 27.5561, 29.9901,
22.7487

282.4584,
301.8583, 279.5116

■ 18.1301, 19.8311,
14.2045

■ 55.1886, 59.6465,
48.8983

■ 11.1437, 12.2723,
8.1227

■ 74.1257, 79.9127,
67.3408

■ 6.2315, 6.9294,
4.0846

■ 96.9639, 104.3167,
89.9198

■ 3.0284, 3.4180,
1.6719

124.0685,
133.2430, 117.0539

■ 1.1688, 1.3537,
0.3414

155.8049,
167.0759, 149.1616

■ 0.0815, 0.1822,
0.0000

192.5385,

■ 0.0000, 0.0000,

206.1998, 186.6614

0.0000

234.6345,
250.9991, 229.9719

■ 27.5561, 29.9901,
22.7487

■ 27.5561, 29.9901,
22.7487

■ 26.4475, 29.1724,
18.0646

■ 28.8185, 30.8762,
28.2213

■ 25.4835, 28.4162,
14.1303

■ 30.2390, 31.8292,
34.5146

■ 24.6572, 27.7198,
10.9068

■ 31.8243, 32.8530,
41.6617

■ 23.9604, 27.0800,
8.3510

■ 33.5804, 33.9500,
49.6930

■ 23.3840, 26.4931,
6.4147

■ 35.5128, 35.1222,
58.6376

■ 22.9178, 25.9548,
5.0437

■ 37.6266, 36.3720,
68.5231

■ 22.5494, 25.4604,
4.1741

■ 39.9271, 37.7012,
79.3761

■ 22.2555, 25.0093,
3.6543

■ 42.4190, 39.1119,
91.2220

■ 44.3405, 40.2993,
100.0493

Harmonies

Analogous

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



29.6298, 29.9901, 22.8400



27.5561, 29.9901, 22.7487



25.8214, 29.9901, 25.0740

Triad

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



27.5561, 29.9901, 22.7487



25.7179, 29.9901, 41.2542



32.5221, 29.9901, 35.9391

Complementary

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



27.5561, 29.9901, 22.7487



21.1095, 21.1044, 33.0983

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.



31.3677, 29.9901, 41.6260



27.5561, 29.9901, 22.7487



27.4085, 29.9901, 44.9402

Square

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



27.5561, 29.9901, 22.7487



24.7956, 29.9901, 35.4793



29.4748, 29.9901, 45.0840



32.5664, 29.9901, 29.9831

Rectangle

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



27.5561, 29.9901, 22.7487



25.0624, 29.9901, 27.8662



29.4748, 29.9901, 45.0840



32.2486, 29.9901, 37.9613

Sweetspot

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



27.5569, 29.9914, 22.7493



52.6288, 55.9871, 55.0274



23.8049, 22.1751, 22.4616



11.5888, 12.3408, 12.0088



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.5569, 29.9914, 22.7493



48.4812, 53.0787, 37.0380



25.8211, 29.8157, 22.8069



6.6579, 7.1208, 6.6294



18.4069, 20.6962, 3.0246



0.2880, 0.3351, 0.0495

Inverse Universe

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



21.1095, 21.1044, 33.0983



34.9416, 34.4168, 58.7735



22.6051, 21.3207, 33.0612



5.9302, 6.1177, 7.7972



4.9033, 2.2032, 25.0745



0.0844, 0.0552, 0.3786

Previews

White Background



This preview shows how the XYZ color 27.5561, 29.9901, 22.7487 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 27.5561, 29.9901, 22.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

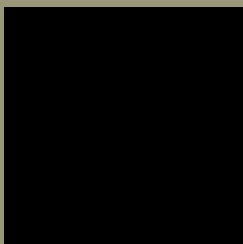
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

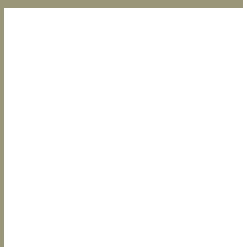
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5561, 29.9901, 22.7487

Background



This preview shows how black text looks on a background with the XYZ color 27.5561, 29.9901, 22.7487.



This preview shows how white text looks on a background with the XYZ color 27.5561, 29.9901,

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

27.5561, 29.9901, 22.7487

Protanopia

28.2992, 30.1445, 22.4161

Deuteranopia

30.4109, 29.8456, 22.8968



Tritanopia

30.3118, 29.9542, 36.0824

Trichromacy



Original Color

27.5561, 29.9901, 22.7487

Protanomaly

27.9089, 29.9433, 22.3978

Deuteranomaly

29.3711, 29.9872, 22.9790

Tritanomaly

29.1781, 29.9490, 30.6284

Monochromacy



Original Color

27.5561, 29.9901, 22.7487

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.9853, 29.8430, 28.7114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5561, 29.9901, 22.7487 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(153, 150, 122)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 122)  
}
```

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(153, 150, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 122) }
```

Border

The CSS property to change the border of an element to XYZ 27.5561, 29.9901, 22.7487 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(153, 150, 122) }
```


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

```
.border{ border-color:rgb(153, 150, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 122);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5561, 29.9901, 22.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 122) }
```

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

```
.background{ background-color: rgb(153,  
150, 122) }
```

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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